

for GM Linden

NJD 002-186 690

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SUPPLEMENTAL GROUNDWATER MONITORING PLAN

FOR THE:
LINDEN DEVELOPMENT LLC SITE
FORMER GENERAL MOTORS LINDEN ASSEMBLY PLANT
1016 WEST EDGAR ROAD
LINDEN, NJ

PREPARED FOR:
LINDEN DEVELOPMENT, LLC.
111 S. CALVERT STREET, SUITE 1805
BALTIMORE, MD 21202

PREPARED BY:
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MARCH 29, 2013



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1.0 INTRODUCTION

Hull & Associates, Inc. (Hull), on behalf of Linden Development LLC (Linden Development), has prepared this Proposed Groundwater Sampling Plan (GWSP) in response to New Jersey Department of Environmental Protection (NJDEP) review of Hull's July 2012 report entitled, "MW-97 Monitoring Well Cluster Installation and Supplemental Groundwater Sampling Report." The July 2012 report outlined the results of additional groundwater assessment conducted in the southwest portion of the Linden Development LLC Site (Former General Motors Linden Assembly Plant), located at 1016 West Edgar Road, Linden, NJ (Site). The July 2012 report also documented the results of supplemental monitoring well installation activities at the neighboring Former Quixx Cogeneration Site (Cogen property). The Cogen property is a wholly separate property, but is located immediately adjacent to the southwest corner of the Site and is also owned by Linden Development LLC. The locations of the Site and Cogen property are shown on Figure 1. A Site Plan is shown on Figure 2. The report certification required by N.J.A.C. 7:26E-1.5 is included in Appendix A.

The results of NJDEP's review of the July 2012 report were provided in a technical comment letter dated November 30, 2012. Specific NJDEP comments are summarized in Section 2 and addressed in subsequent sections. The groundwater sampling activities outlined in this GWSP are designed to provide supplemental data within the southwest portion of the Site which has been previously referred to as the "Disputed Groundwater Area" due to the historical dispute between General Motors Corporation (GM) and the neighboring Merck Pharmaceuticals (Merck) facility related to the source of volatile organic compounds (VOCs) detected at elevated levels in weathered and competent bedrock groundwater underlying this area. Hull and Linden Development previously demonstrated that the disputed VOC contamination did not originate at the Site or Cogen property. The additional sampling in this area will be conducted to further monitor concentration trends in the wells used as part of the Disputed Groundwater assessment.

In addition, this GWSP outlines supplemental groundwater sampling that will be used to assist in establishing a Classification Exception Area (CEA) in accordance with N.J.A.C. 7:9-6.6, for the Industrial No. 1 and Industrial No. 2 Redevelopment Areas at the Site. Groundwater response requirements for the other large redevelopment area at the Site (i.e., the Retail Redevelopment Area) include establishment of an indeterminate CEA for that portion of the Site due to scattered exceedances of NJDEP Groundwater Quality Standards for selected inorganic

compounds associated with historic fill. The indeterminate CEA approach has been previously approved by the Case Team assigned to the Site. The sampling included within this GWSP includes a portion of the Retail Redevelopment Area where VOCs were recently discovered in perched water during sampling activities within the portion of the retail area designated as the "Walmart Parcel." While targeted sampling will be included in a portion of the Retail Redevelopment Area, the primary response action for the retail area remains an indeterminate CEA due to historic fill.

The purpose of a CEA is to "designate areas of exception to strict application of the NJDEP Groundwater Quality Standards (GWQS) in certain, specific situations." Groundwater at the Site has been previously classified as Class II-A. Based on existing sampling data, groundwater underlying the Site does not meet the Specific Class II-A Groundwater Quality Criteria (GWQC) due to the following: (1) natural groundwater quality, (2) presence of historic fill, (3) limited releases from historic Site operations and (4) contamination originating from off-Site sources.

Following this introduction, the GWSP is organized into the following sections:

Section 2.0 – Provides NJDEP's comments from the November 30, 2012 technical comment letter along with Hull/Linden Development's response.

Section 3.0 – Provides a summary of the proposed groundwater sampling for the southwest portion of the Site.

Section 4.0 – Provides a summary of proposed groundwater sampling to aid establishment of a CEA.

2.0 SUMMARY OF NJDEP REVIEW OF THE JULY 2012 MW-97 MONITORING WELL CLUSTER INSTALLATION AND SUPPLEMENTAL GROUNDWATER SAMPLING REPORT

NJDEP's review of the July 2012 report was documented in a technical comment letter dated November 30, 2012. Based on their review, NJDEP determined that the subject report is in compliance with the Technical Requirements for Site Remediation, N.J.A.C. 7:26E and other applicable requirements. In addition, NJDEP agreed with the report finding that no sources are present on the Site or Cogen property that created the VOC contamination in weathered and competent bedrock groundwater underlying the southern portion of the Site.

Specific comments from NJDEP's letter are included below in ***bold italics*** with Hull/Linden Development's response immediately following in regular text.

Comment 1: Quarterly TCL VOC+10 ground water sampling and groundwater elevations with ground water contour maps for every aquifer level must be conducted for at least one year for the southern portion of the site to help determine seasonal trends and information on the ground water quality of the site over time. Before the spring 2012 groundwater sampling was conducted for the southern portion of the site the last sampling event was completed in 2008. This is too long between ground water sampling rounds. Based on the data from a year's worth of quarterly sampling at the southern portion of the site, the NJDEP will determine what type of ground water monitoring schedule will transpire in the future and how many wells will be included at that time.

Quarterly ground water sampling and ground water elevations with ground water contour maps for all of the wells on the entire site is also recommended. Ground water sampling for TCL VOCs+10, BNs +15 and metals is recommended. It is advised that a comprehensive ground water monitoring program be conducted on the entire site to devise a work plan for any hot spot areas of concern or to establish a CEA for the overall site.

Response: Quarterly groundwater gauging and sampling for the southern portion of the Site will be conducted pursuant to NJDEP's requirement. The groundwater gauging and sampling for the southern portion of the Site is discussed in Section 3.0.

Comprehensive groundwater sampling has historically been conducted at the overall Site as part of GM's various Remedial Investigations and Resource Conservation and Recovery Act (RCRA) Facility Investigations. Based on meetings with the NJDEP Case Team that have been conducted since Linden Development LLC purchased the Site in late-2007/early-2008, groundwater across the remainder of the Site is well characterized and the existing sampling results will be used to aid establishment of a CEA. Additional groundwater sampling pursuant to NJDEP's recommendation will be conducted at selected wells to further refine the extensive groundwater dataset for the Site. The additional sampling and wells to be included are discussed in Section 4.0.

Comment 2: The above quarterly VOC ground water sampling noted above is required for all wells sampled in 2008 and 2012 in the southern portion of the GM site. Additional wells that are required for sampling in the southern portion of the site will include: MW-9W, MW-9B, MW-21S, MW-21S-B-1, MW-22S, MW-22W, MW-22S-B-1, MW-37W, MW-37B, MW-64B2, BEC-4B (if not abandoned), and BEC-9D.

The groundwater sampling for the southern portion of the Site will include the 2008 and 2012 wells, as well as additional wells requested by NJDEP above. It is noted that locations MW-21S-B-1 and MW-22S-B-1 are historic soil borings and are not monitoring wells. The labeling of those locations as monitoring wells is an artifact from GM's database. The wells to be included in the additional groundwater sampling are further discussed in Section 3.0.

Comment 3: Based on available information to date, a VOC source has not been identified anywhere within the soil, shallow and deep overburden ground water on the General Motors southern property that has created the TCE ground water contamination as found in the weathered bedrock and bedrock zone #2 found on the southern flank of the property bordering Merck. This office can find no identified on-site source for the TCE found in the disputed southern boundary area. It is very possible that the TCE ground water contamination is historic contamination that may have derived from the areas along the railroad tracks and/or facilities to the west. With the Gin production wells pumping in the past to the north of the GM plant and the present day Merck recovery wells to the south, the historic TCE contamination may have been wobbling around the southern GM property and the northern Merck property for years. Merck has claimed on their CEA that chlorobenzene, chloroform, carbon tetrachloride and methylene chloride, among others, are their responsibility. They (Merck) are presently recovering contaminated ground water on their site to their treatment plant on the southern portion of their site.

Given the elevated VO result found on the property, it is suggested by the NJDEP that GM/Duke/Linden Development LLC consider recovering or allowing the TCE contaminated ground water to be recovered with the Merck-claimed contaminants from southern GM wells: MW-47W and MW-47B, MW-66B, MW-90B and MW-91W and MW-91B. It is suggested that Duke consider discussing with Merck the potential of using the above noted wells as part of their groundwater recovery efforts via the use of their treatment plant (as noted above as the chlorobenzene, chloroform, carbon tetrachloride and methylene chloride, among others, is Merck responsibility) to dispose of the TCE and other chlorinated solvents from the GM MWs noted above.

Hull and Linden Development agree with NJDEP's comments that no sources are located on Linden Development property that created the VOC contamination noted in weathered and competent bedrock in the southern boundary area. As such, the responsibility to address the noted contamination does not lie with GM or Linden Development.

Pursuant to NJDEP's suggestions noted above, Hull and Linden Development considered discussing allowing groundwater recovery from the southern boundary wells by Merck for subsequent disposal at Merck's treatment plant. However, as discussed

during previous project meetings with NJDEP, groundwater recovery at the Site's southern boundary monitoring wells is not prudent given that doing so may potentially mobilize more significant contamination from source areas located beyond the Site's southern boundary and further impact the Site. Given that the contamination is not associated with Site operations and is not GM or Linden Development's responsibility to address, Linden Development is not interested in risking further impact to their property by drawing potentially more significant contamination across the boundary.

In addition, given that the area located immediately between the Site and the Merck property consists of rail-lines owned by CSX Corporation, it is highly unlikely that Merck could gain access for installing forcemain infrastructure across the railroad property to tie the wells into their treatment system.

3.0 GROUNDWATER MONITORING IN THE SOUTHERN PORTION OF THE SITE

Quarterly groundwater gauging and sampling activities for the southern portion of the Site pursuant to NJDEP's requirement from Comments 1 and 2 in the November 30, 2012 technical comment letter are discussed below. The gauging and sampling events will be conducted on a quarterly basis for a period of one year. The events will commence as soon as practicable following NJDEP approval of this GWSP.

3.1 Monitoring Wells Included in Quarterly Events for Southern Portion of the Site

A total of 56 monitoring wells located in the southern portion of the site (including Cogen property) will be sampled as part of the quarterly events. The individual wells are listed in Table 1. Figure 2 shows a Site plan with the monitoring well locations.

The wells listed in Table 1 include those wells that were sampled as part of the 2008 and 2012 assessments for the southern portion of the Site. In addition, the additional wells specified in NJDEP's November 30, 2012 technical comment letter are included, with the exception of BEC-4B which was previously abandoned. In addition, NJDEP requested that MW-21S-B-1 and MW-22S-B-1 also be included. However, those designations refer to historic soil borings and are not monitoring wells. The labeling of those locations as monitoring wells is an artifact from GM's database.

3.2 Groundwater Gauging, Sampling and Laboratory Analysis for Southern Wells

Prior to collection of groundwater samples, monitoring wells will be gauged using an appropriate interface probe. The groundwater gauging measurements will be recorded on field data sheets and subsequently used to construct potentiometric surface maps similar to those presented in Hull's April 2009 and July 2012 groundwater investigation reports for the southern portion of the Site.¹

Certified samplers will collect all samples using low-flow techniques pursuant to the methods employed during the April 2008 and July 2012 sampling events. Wells will be purged using a low-flow QED (or similar) bladder pump system. Field parameters, including pH, temperature,

¹ Hull & Associates, Inc. *Supplemental Groundwater Investigation of the Southwest Portion of the Linden Development LLC Site*. April 2009.

Hull & Associates, Inc. *MW-97 Monitoring Well Cluster Installation and Supplemental Groundwater Sampling Report*. July 2012.

conductivity, dissolved oxygen, turbidity and oxidation reduction potential (ORP) will be monitored during the purging process to ensure that these parameters are stabilized within applicable ranges prior to sampling. Field personnel will collect duplicate samples and equipment blanks for Quality Assurance / Quality Control (QA/QC) at a rate of one blank and one duplicate per every 20 investigative samples. Laboratory-prepared trip blanks will accompany all samples to the laboratory.

All investigative and QA/QC samples will be submitted under chain of custody to TestAmerica, Inc.'s laboratory in Edison, NJ. TestAmerica will analyze the samples for VOCs consistent with the April 2008 and July 2012 investigations.

3.3 Reporting for Southern Wells

Hull/Linden Development will prepare letter reports summarizing the analytical results from each of the quarterly sampling events for submittal to NJDEP. The letter reports will include a summary of the sampling conducted and any issues encountered, analytical results summarized in tables, potentiometric surface maps and copies of the laboratory analytical reports.

4.0 GROUNDWATER MONITORING IN THE REMAINING PORTION OF THE SITE

Quarterly groundwater gauging and sampling activities for the overall Site pursuant to NJDEP's recommendation in Comment 1 in the November 30, 2012 technical comment letter are discussed below. Additional groundwater sampling pursuant to NJDEP's recommendation will be conducted at selected wells to further refine the extensive groundwater dataset for the Site and assist in establishing a CEA for the Industrial No. 1 and Industrial No. 2 Redevelopment Areas at the Site.

As discussed previously, the groundwater response requirements for the other large redevelopment area at the Site (i.e., the Retail Redevelopment Area) include establishment of an indeterminate CEA for that portion of the Site due to scattered exceedances of NJDEP Groundwater Quality Standards for selected inorganic compounds associated with historic fill. The indeterminate CEA approach has been previously approved by the Case Team assigned to the Site. The supplemental sampling discussed below includes a portion of the Retail Redevelopment Area where VOCs were recently discovered in perched water during sampling activities within the portion of the retail area designated as the "Walmart Parcel." While targeted sampling will be included in a portion of the Retail Redevelopment Area, the primary response action for the retail area remains an indeterminate CEA due to historic fill.

4.1 Existing Groundwater Dataset

Comprehensive groundwater sampling has historically been conducted at the overall Site as part of GM's various Remedial Investigations and RCRA Facility Investigations. Groundwater sampling has been conducted at the Site as early as 1989, but the most extensive sampling (multiple times a year) for a majority of the wells was performed from 2005 to 2007. Appendix B provides a table showing the sampling frequency for all monitoring wells and provides a generalized overview of the extensive groundwater analytical dataset that already exists for the Site.

As discussed in previous project meetings with the NJDEP Case Team that have been ongoing since late-2007, groundwater at the Site is well characterized and existing data may be used to support a CEA. Additional groundwater data will be collected from selected wells across the Site to supplement the existing groundwater database and provide more recent data to aid establishment of a CEA.

4.2 Screening Methodology to Select Monitoring Wells for Site-wide Sampling

Hull employed a screening process to select the wells to be included in the additional sampling events. The screening process was based on a review of the analytical results from the chronologically most recent two sampling events for each well at the Site. Exceedances of the NJDEP Class II-A GWQC from the most recent two sampling events for each well are shown on Figures 3 through 5.

4.2.1 Screening Process Step One

Step one in the screening process was to exclude wells that did not display any exceedances of the NJDEP Class II-A GWQC from the most recent two sampling events. Those wells that did display an exceedance were carried through the subsequent steps of the screening process.

4.2.2 Screening Process Step Two

Step two in the screening process was to exclude wells in which the only exceedances of the NJDEP Class II-A GWQC were for metals. As demonstrated in GM's RCRA Facility Investigation reports for the Site, concentrations of antimony, arsenic, barium, beryllium, cadmium, lead, and manganese in groundwater is attributed to the presence of historical fill at the Site, or/and natural background ground water quality. Furthermore, detections of metals such as antimony, barium, lead and cadmium have been infrequent, inconsistent and show no patterns indicating that they are related to releases at the Facility. Hull presented further demonstrations that metals in groundwater are related to either historic fill or regional background in the June 2008 Remedial Action Workplan and RCRA Corrective Measures Proposal Addendum No. 1.

Given that exceedances for metals are related to either historic fill or regional background, additional groundwater sampling for metals will not be conducted.

4.2.3 Screening Process Step Three

Step three in the screening process was to include any shallow or deep overburden well that exhibited an exceedance for any VOC or semi-volatile organic compound (SVOC) in the chronologically most recent two sampling events. The shallow and deep overburden wells are the most applicable for detecting potential releases from historic Site operations.

Following identification of the overburden wells with exceedances of the NJDEP Class II-A GWQC, Hull evaluated weathered and competent bedrock wells adjacent to the identified overburden wells where available. Those weathered and competent bedrock wells displaying exceedances were included in the list of wells to be sampled.

Weathered and/or competent bedrock wells displaying an exceedances of the NJDEP Class II-A GWQC were excluded from the list of wells to be sampled if the corresponding adjacent overburden wells did not display an exceedance.

4.2.4 Screening Process Step Four

Step four in the screening process was to evaluate weathered and competent bedrock wells with no corresponding overburden wells. Those weathered and/or competent bedrock wells displaying exceedances of the Class II-A GWQC were included in the list of wells to be sampled.

4.2.5 New Wells on Walmart Parcel in Retail Redevelopment Area

As reported under separate cover, recent due diligence activities conducted on behalf of a potential Site end user within a portion of the Retail Redevelopment Area identified trichloroethene (TCE) at elevated concentrations in shallow perched water. No associated soil impacts were identified.

The TCE was detected in a temporary shallow well and the elevated concentrations were delineated through installation of additional temporary wells in and around the target area. Based on discussions with the NJDEP Case Team, installation of a permanent well in the target area will be conducted. The results of the temporary well findings and a proposal for permanent well installation are provided under separate cover. Hull's proposal includes installation of a shallow overburden well (MW-98S) and a deep overburden well (MW-98D). These two wells will be included in the list for additional Site-wide groundwater sampling.

4.2.6 Additional Wells for Site-Wide Sampling

A total of 23 wells will be included in the additional sampling. The individual wells are listed in Table 2.

4.3 Groundwater Gauging, Sampling and Laboratory Analysis for Site-Wide Wells

The additional sampling for selected Site-wide wells will be conducted concurrent with the sampling events for the southern portion of the Site. The additional sampling will be completed as follows:

1. All designated wells will be sampled during the first quarterly sampling event.
2. Upon review of the laboratory results from the first quarterly event, wells which do not exceed NJDEP Class II-A GWQC will be discontinued from subsequent sampling events.
3. For wells that exhibit an exceedance, Hull will incorporate the new results into the existing database and attempt to establish a contaminant concentration trend line for every well. Those well which demonstrate a statistically valid trend indicating that additional sampling is not needed will be discontinued from subsequent sampling events.
4. For wells that exhibit an exceedance and do not display a statistically valid concentration trend indicating that sampling can cease will be included in subsequent sampling events.
5. Wells that are sampled during subsequent sampling events will be reevaluated after each event using the criteria outlined above.
6. Additional sampling events will cease after four quarterly events and evaluated in the overall context of the Site remediation case.

Prior to collection of groundwater samples, monitoring wells will be gauged using an appropriate interface probe. The groundwater gauging measurements will be recorded on field data sheets and subsequently used to construct potentiometric surface maps. Certified samplers will collect all samples using low-flow techniques pursuant to the methods discussed in Section 3.2. Field personnel will collect duplicate samples and equipment blanks for QA/QC at a rate of one blank and one duplicate per every 20 investigative samples. Laboratory-prepared trip blanks will accompany all samples to the laboratory.

All investigative and QA/QC samples will be submitted under chain of custody to TestAmerica, Inc.'s laboratory in Edison, NJ. TestAmerica will analyze the samples for VOCs and/or SVOCs based on the parameters that exceeded at each well in the chronologically two most recent sampling events discussed in the screening process.

4.4 Reporting for Site-Wide Sampling

Hull/Linden Development will prepare letter reports summarizing the analytical results from each of the quarterly sampling events for submittal to NJDEP. The letter reports will include a summary of the sampling conducted and any issues encountered, analytical results summarized in tables, potentiometric surface maps and copies of the laboratory analytical reports.

TABLES

**LINDEN DEVELOPMENT LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT)
1016 WEST EDGAR ROAD, LINDEN, NJ**

TABLE 1

**MONITORING WELLS TO BE INCLUDED IN QUARTERLY
SAMPLING EVENTS FOR SOUTHERN PORTION OF THE SITE**

S monitoring wells	D monitoring wells	W monitoring wells	B monitoring wells
MW-21S	MW-31D	MW-09W	MW-09B
MW-022S	MW-35D	MW-022W	MW-37B
MW-024S	MW-36D	MW-31W	MW-43B
MW-31S	MW-43D	MW-35W	MW-47B
MW-39S	MW-46D	MW-36W	MW-49B
MW-43S	MW-47D	MW-37W	MW-64B2
MW-47S	MW-49D	MW-43W	MW-66B
MW-49S	MW-66D	MW-46W	MW-90B
MW-90S	MW-90D	MW-47W	MW-91B
MW-91S	MW-91D	MW-49W	MW-97B
MW-92S	MW-92D	MW-66W	
MW-93S	MW-93D	MW-90W	
MW-96S	MW-95D	MW-91W	
	MW-96D	MW-92W	
	MW-97D	MW-93W	
		MW-95W	
		MW-96W	
		MW-97W	

Notes:

- S - indicates shallow overburden
- D - indicates deep overburden
- W - indicates weathered bedrock
- B - indicates competent bedrock

**LINDEN DEVELOPMENT LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT)
1016 WEST EDGAR ROAD, LINDEN, NJ**

TABLE 2

**MONITORING WELLS TO BE INCLUDED IN ADDITIONAL
MONITORING FOR THE REMAINING PORTION OF THE SITE**

S monitoring wells	D monitoring wells	W monitoring wells	B monitoring wells
BEC-009S	BEC-001D	MW-8W	MW-044B
BEC-014S	BEC-003D	MW-028W	MW-045B
MW-044S	BEC-004D	MW-042W	MW-89B
MW-079S	BEC-009D	MW-044W	
MW-98S	MW-01D	MW-045W	
	MW-98D	MW-056W	
		MW-079W	
		MW-88W	
		MW-89W	

Notes:

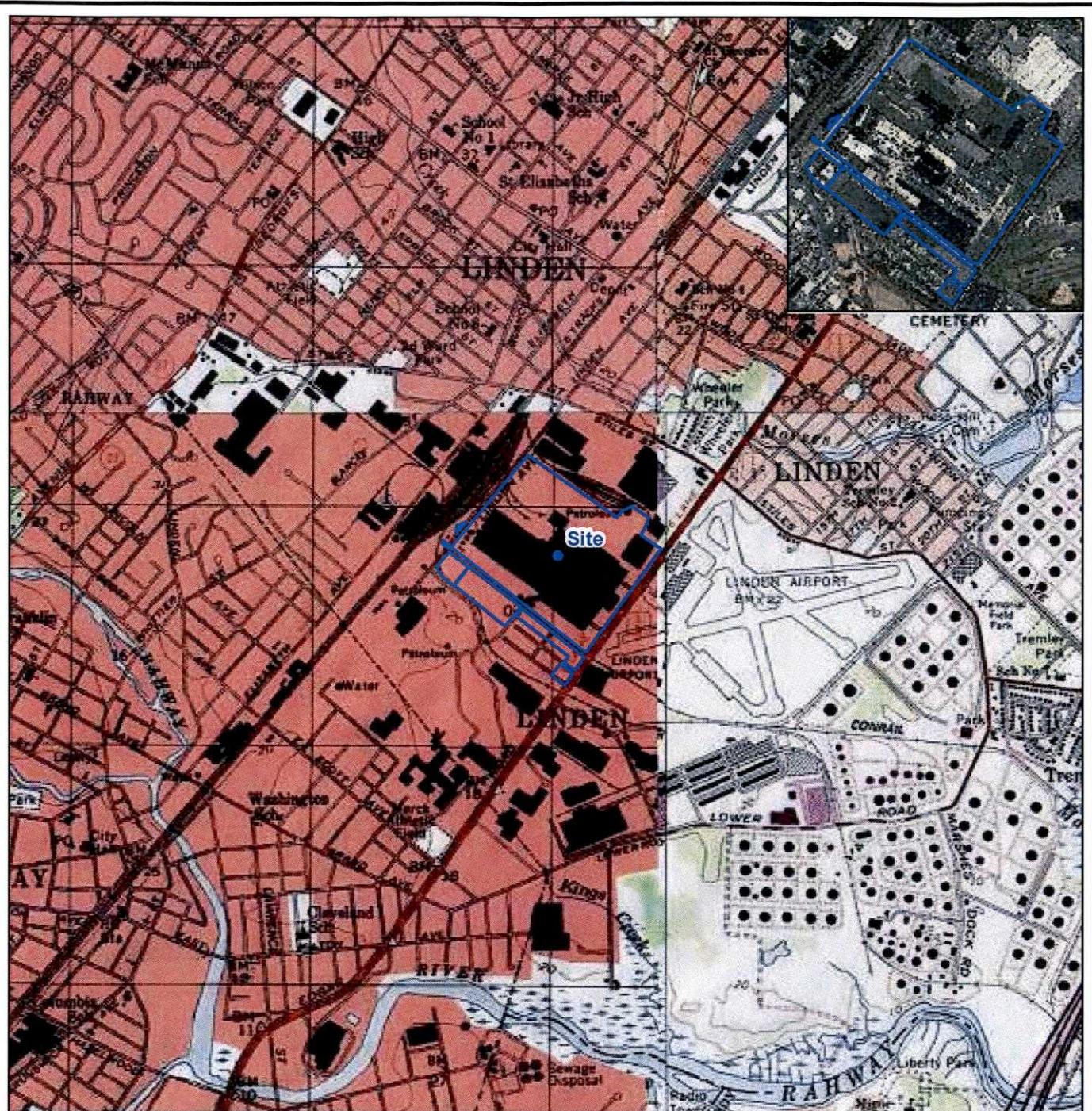
S - indicates shallow overburden

D - indicates deep overburden

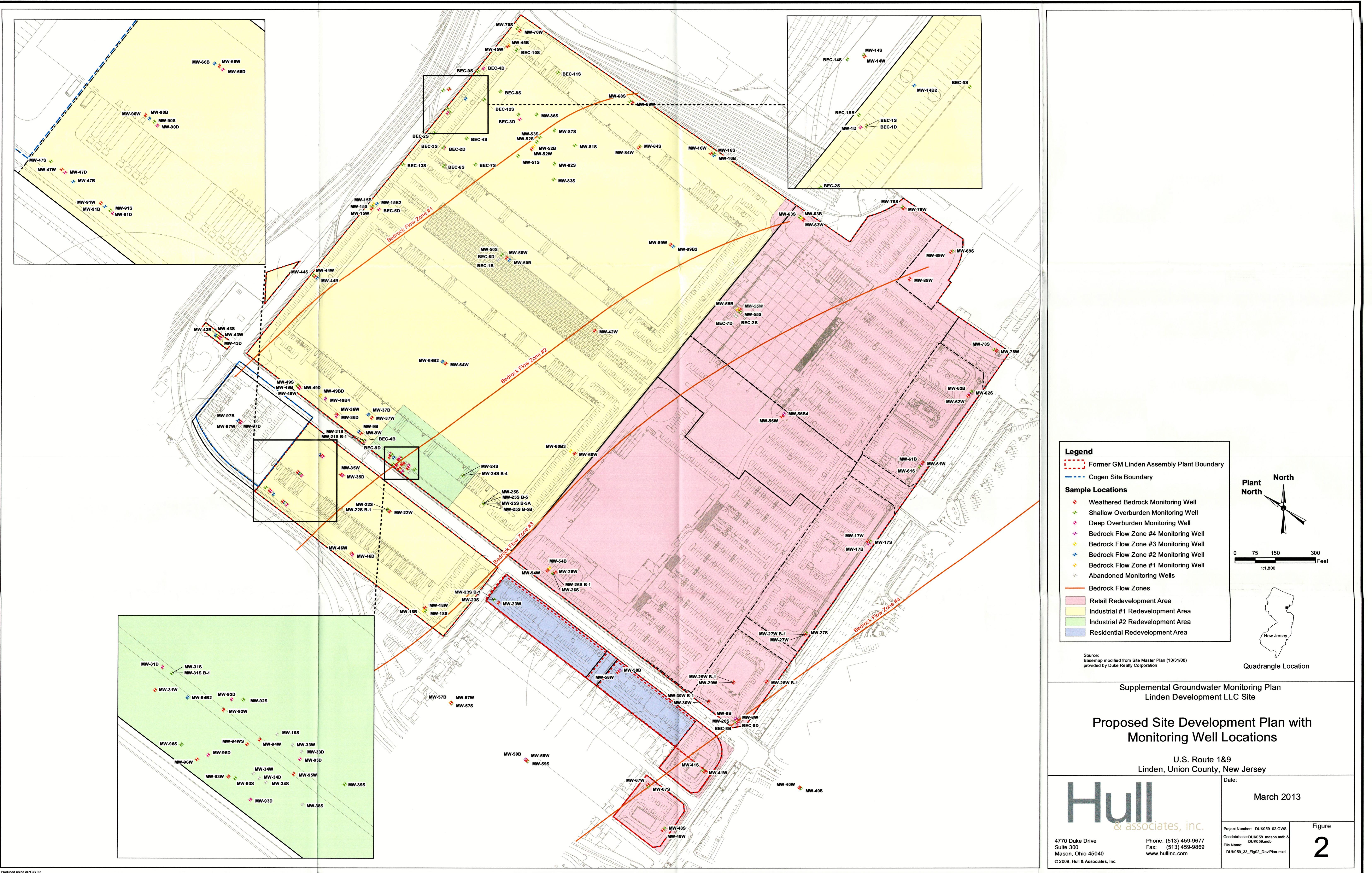
W - indicates weathered bedrock

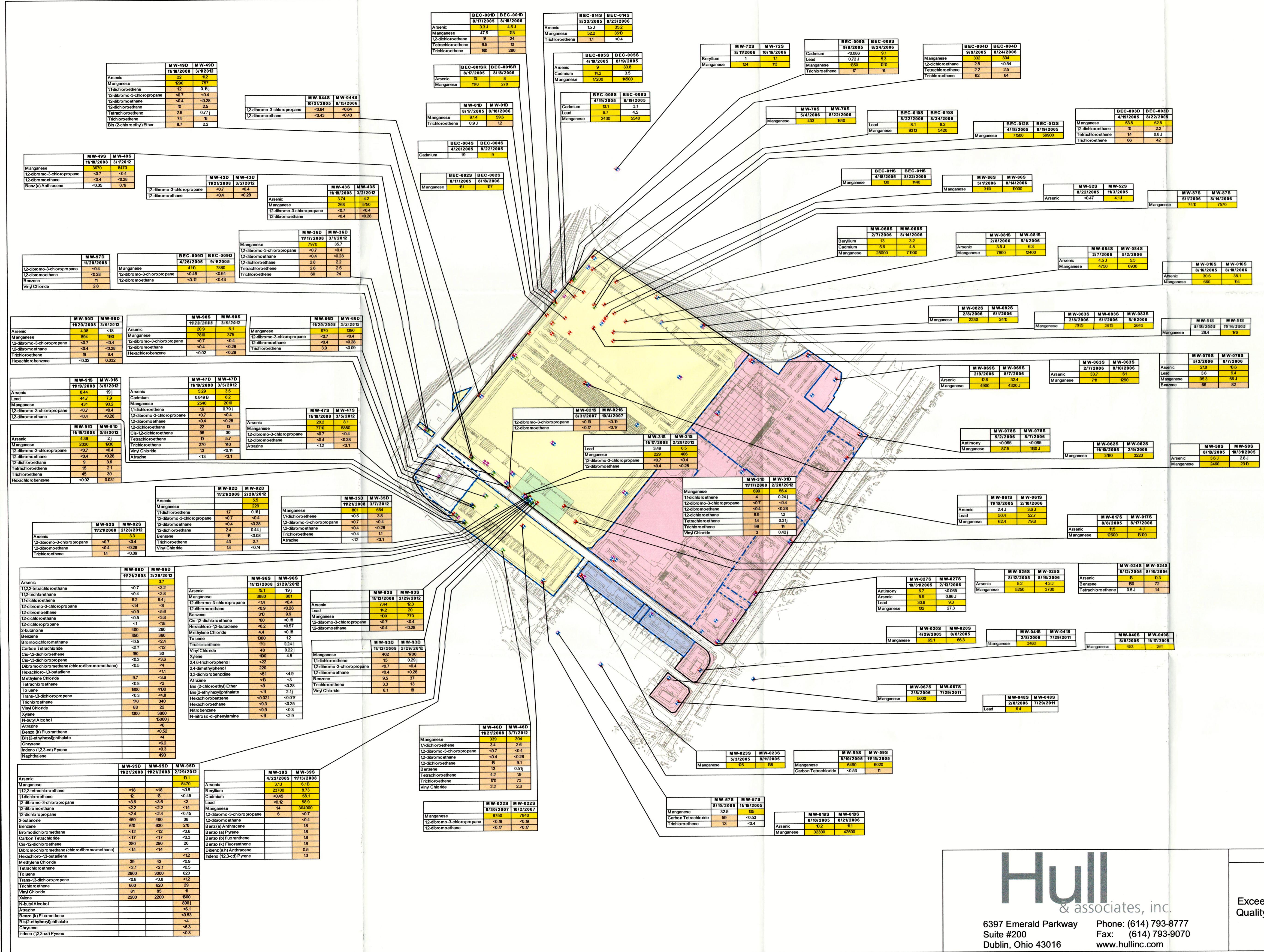
B - indicates competent bedrock

FIGURES



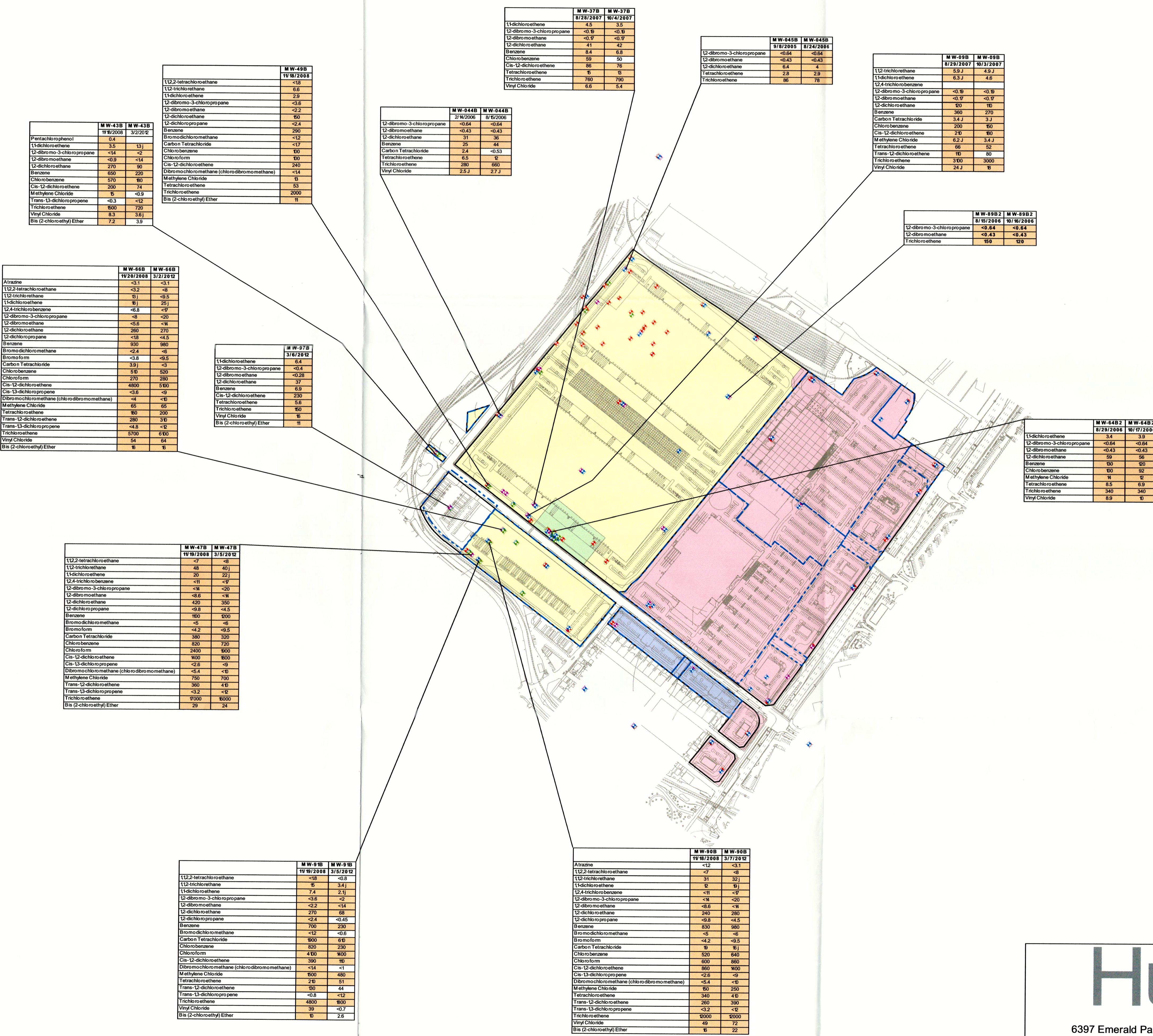
 <p>Legend</p> <ul style="list-style-type: none"> ● Site Location ■ Site Boundary <p>Quadrangle Location</p>	<p>Source: The topographic map was acquired through the USGS Topographic Map web service. Quadrangle name: Roselle, New Jersey, revised in 1976, published in 1982. Quadrangle name: Elizabeth, New Jersey, revised in 1976, published in 1982. Quadrangle name: Perth Amboy, New Jersey, revised in 1979, published in 1982. Quadrangle name: Arthur Kill, New Jersey, revised in 1966, published in 1969. Photo revised in July 01, 1981.</p> <p>The aerial photo in the inset is from Union County. Aerial photography dated 2007.</p>	<p>0 500 1,000 2,000 Feet 1:24,000</p> <p>N</p>
<p>Hull associates, inc</p> <p>4770 Duke Drive Suite #300 Mason, Ohio 45040 © 2009, Hull & Associates, Inc.</p> <p>Phone: (513) 459-9677 Fax: (513) 459-9869 www.hullinc.com</p> <p>Produced using ArcGIS 9.3</p>	<p>Supplemental Groundwater Monitoring Plan Linden Development LLC Site</p> <p>Site Location Map</p> <p>U.S. Routes 1 & 9 Linden, Union County, New Jersey</p>	<p>Date: March 2013</p> <p>Project Number: DUK059_03.RPT Geodatabase: DUK058.mdb & File Name: DUK059.mdb DUK059_33_Fig01_SiteLocMap.mxd</p> <p>Figure 1</p>





0 150 300 600
Feet
1:3,600

N



- Legend**
- ♦ Bedrock Monitoring Well
 - ♦ Weathered Bedrock Monitoring Well
 - ♦ Shallow Overburden Monitoring Well
 - ♦ Deep Overburden Monitoring Well
- Industrial Redevelopment Area #1
- Retail Redevelopment Area
 - Industrial #1 Redevelopment Area
 - Industrial #2 Redevelopment Area
 - Residential Redevelopment Area

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Supplemental Groundwater Monitoring Plan
Linden Development LLC Site
Exceedances of NJDEP Class II-A Groundwater
Quality Criteria in Bedrock
1016 West Edgar Road (U.S. Routes 1 & 9)
City of Linden, Union County, New Jersey

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APPENDIX A

Report Certification

Certification

Linden Development, LLC
ISRA Case Number E20040531

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Date:

3/28/13

Linden Development, LLC

By:



William J. DeBoer, Executive V.P.

Sworn to and subscribed to before
me on this 28th day
of March, 2013

Melissa A. Barton
Notary



MELISSA A. BARTON
Notary Public-State of Ohio
My Commission Expires
September 27, 2017

APPENDIX B

Historical Groundwater Sampling Frequency for all Monitoring Wells

LINDEN DEVELOPMENT LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT)
1016 WEST EDGAR ROAD, LINDEN, NJ

APPENDIX B

LIST OF HISTORICAL GROUNDWATER SAMPLES COLLECTED AT THE LINDEN DEVELOPMENT LLC SITE

StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
970-DEVWATER-1	3/7/2012	DUK059:970-DEVWATER-1:W030712	X							
97B-DEVWATER-1	3/7/2012	DUK059:97B-DEVWATER-1:W030712	X							
97W-DEVWATER-1	3/7/2012	DUK059:97W-DEVWATER-1:W030712	X							
AOI-26 UST	2/16/2005	5049066						X		
AOI-26 UST	2/15/2005	7401		X	X				X	
BEC-001B	8/9/1995	UNKNOWN	X	X ^b						X
BEC-001B	1/23/2003	3030105						X		
BEC-001B	1/23/2003	9338		X				X		
BEC-001B	1/24/2003	0293		X						
BEC-001B	10/29/2003	3307105						X		
BEC-001B	10/29/2003	8889		X	X					
BEC-001B	11/17/2004	4329026						X		
BEC-001B	11/17/2004	9911		X	X					
BEC-001D	12/15/1989	VOABA84A	X	X ^b				X		
BEC-001D	12/15/1989	UNKNOWN						X		
BEC-001D	11/8/1990	UNKNOWN	X	X ^b						X
BEC-001D	12/12/1990	UNKNOWN	X	X ^b						X
BEC-001D	8/10/1995	UNKNOWN	X	X ^b						X
BEC-001D	1/29/2003	3034101						X		
BEC-001D	1/29/2003	9385		X						X
BEC-001D	2/3/2003	0411		X						
BEC-001D	10/22/2003	3307115						X		
BEC-001D	10/22/2003	8811		X	X					
BEC-001D	2/16/2005	5052039						X		
BEC-001D	2/16/2005	7387		X	X					
BEC-001D	4/19/2005	5112026						X		
BEC-001D	4/19/2005	2159			X					
BEC-001D	4/29/2005	8179		X						
BEC-001D	8/17/2005	5234019						X		
BEC-001D	8/17/2005	9301		X	X					
BEC-001D	8/18/2006	6236023						X		
BEC-001D	8/18/2006	4131		X	X					
BEC-001S	11/8/1990	UNKNOWN	X	X ^b						X
BEC-001S	12/12/1990	UNKNOWN	X	X ^b						X
BEC-001S	4/20/1995	23328						X		
BEC-001S	4/20/1995	UNKNOWN	X	X ^b						X
BEC-001SR	3/12/1996	43068						X		
BEC-001SR	3/12/1996	UNKNOWN	X	X ^b						X
BEC-001SR	1/29/2003	3034101						X		
BEC-001SR	1/29/2003	9385		X				X		
BEC-001SR	2/3/2003	0411		X						
BEC-001SR	2/16/2005	5052039						X		
BEC-001SR	2/16/2005	7401		X	X					
BEC-001SR	4/19/2005	5112026						X		
BEC-001SR	4/19/2005	8049		X	X					
BEC-001SR	8/17/2005	5234019						X		
BEC-001SR	8/17/2005	9301		X	X					
BEC-001SR	8/18/2006	6236023						X		
BEC-001SR	8/18/2006	4131		X	X					
BEC-002B	8/8/1995	UNKNOWN	X	X ^b						X
BEC-002B	1/28/2003	3034101						X		
BEC-002B	1/28/2003	9350		X						X
BEC-002B	2/3/2003	0411		X						
BEC-002B	10/28/2003	3307105						X		
BEC-002B	10/28/2003	8685		X	X					
BEC-002B	11/16/2004	4328029						X		
BEC-002B	11/16/2004	9905		X	X					
BEC-002D	12/15/1989	VOABA85A	X	X ^b				X		
BEC-002D	12/15/1989	UNKNOWN						X		
BEC-002D	11/8/1990	UNKNOWN	X	X ^b						X
BEC-002D	12/12/1990	UNKNOWN	X	X ^b						X
BEC-002D	8/9/1995	UNKNOWN	X	X ^b						X
BEC-002D	1/30/2003	3036094						X		
BEC-002D	1/30/2003	9390		X						X
BEC-002D	2/4/2003	0423		X						
BEC-002D	10/22/2003	3307115						X		
BEC-002D	10/22/2003	8811		X	X					
BEC-002D	2/16/2005	5052039						X		
BEC-002D	2/16/2005	7387		X	X					
BEC-002D	4/19/2005	5112026						X		
BEC-002D	4/19/2005	8055		X	X					
BEC-002D	8/17/2005	5234019						X		
BEC-002D	8/17/2005	9301		X	X					
BEC-002D	8/18/2006	6236023						X		

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
BEC-002D	8/18/2006	4131	X	X ^a						
BEC-002S	9/1/1989	UNKNOWN	X	X ^b						
BEC-002S	9/1/1989	B5172	X	X						X
BEC-002S	12/15/1989	VOABA77A	X	X ^b						X
BEC-002S	12/15/1989	UNKNOWN				X				
BEC-002S	12/15/1989	VOABA79A	X	X ^d						X
BEC-002S	4/20/1994	UNKNOWN	X	X ^b						
BEC-002S	4/20/1994	AA22738					X			
BEC-002S	4/20/1995	23329					X			
BEC-002S	4/20/1995	UNKNOWN	X	X ^a						X
BEC-002S	3/12/1996	43069					X			
BEC-002S	3/12/1996	UNKNOWN	X	X ^a						X
BEC-002S	1/29/2003	28499RWT290103WGSG-2					X			
BEC-002S	1/29/2003	3034101					X			
BEC-002S	1/29/2003	9385								X
BEC-002S	1/29/2003	0375		X						
BEC-002S	1/29/2003	9385		X						
BEC-002S	10/22/2003	3307115					X			
BEC-002S	10/22/2003	8811		X	X					
BEC-002S	2/16/2005	5052039					X			
BEC-002S	2/16/2005	7387		X	X					
BEC-002S	4/19/2005	5112026					X			
BEC-002S	4/19/2005	8055		X	X					
BEC-002S	8/17/2005	5234019					X			
BEC-002S	8/17/2005	9301		X	X					
BEC-002S	8/18/2006	6236023					X			
BEC-002S	8/18/2006	4131		X	X					
BEC-003B	8/8/1995	UNKNOWN	X	X ^a						X
BEC-003D	12/12/1990	UNKNOWN	X	X ^b						X
BEC-003D	8/10/1995	UNKNOWN	X	X ^a						X
BEC-003D	1/31/2003	3035094					X			
BEC-003D	1/31/2003	8019		X						X
BEC-003D	2/5/2003	0439		X						
BEC-003D	10/28/2003	3307105					X			
BEC-003D	10/28/2003	8885		X	X					
BEC-003D	2/15/2005	5049066					X			
BEC-003D	2/15/2005	7401		X	X					
BEC-003D	4/19/2005	5112026					X			
BEC-003D	4/19/2005	8055		X	X					
BEC-003D	8/22/2005	5237021					X			
BEC-003D	8/22/2005	9349		X	X					
BEC-003S	9/1/1989	UNKNOWN	X	X ^c						X
BEC-003S	12/15/1989	VOABA78A	X	X ^b						X
BEC-003S	12/15/1989	UNKNOWN					X			
BEC-003S	11/8/1990	UNKNOWN	X	X ^b						X
BEC-003S	12/12/1990	UNKNOWN	X	X ^b						X
BEC-003S	4/20/1994	AA22767	X	X ^d			X			X
BEC-003S	4/20/1994	UNKNOWN	X	X ^b						
BEC-003S	4/20/1994	AA22739					X			
BEC-003S	4/20/1995	23329					X			
BEC-003S	4/20/1995	UNKNOWN	X	X ^a						X
BEC-003S	3/12/1996	43070					X			
BEC-003S	3/12/1996	UNKNOWN	X	X ^a						X
BEC-004B	8/8/1995	UNKNOWN	X	X ^a						X
BEC-004B	8/21/2002	9005		X						
BEC-004B	1/29/2003	3034101					X			
BEC-004B	1/29/2003	9385		X						X
BEC-004B	2/3/2003	28499RWT030203WGbz-2	X							
BEC-004B	2/3/2003	28499RWT030203WGBz-2	X							
BEC-004B	10/28/2003	28499AAP281003WGBz-3	X	X			X			
BEC-004B	11/10/2004	0979-111004-1630	X	X			X			
BEC-004D	12/12/1990	BEC-4D-12/12/90	X	X ^b						X
BEC-004D	8/10/1995	BEC-4D-8101995	X	X ^a						
BEC-004D	1/31/2003	28499KMA310103WGdz-2	X				X			
BEC-004D	2/4/2003	28499RWT040203WGdz-2	X							
BEC-004D	10/28/2003	28499C8M281003WGdz-3	X	X			X			
BEC-004D	2/15/2005	0001-021505-1343	X	X			X			
BEC-004D	4/19/2005	0001-041905-0939	X	X			X			
BEC-004D	9/9/2005	0002-090905-0956	X	X			X			
BEC-004D	8/24/2006	0002-082406-1221	X	X			X			
BEC-004S	9/1/1989	89001-03-2004-090189	X	X ^c						X
BEC-004S	11/8/1990	BEC-4S-110890	X	X ^b						X
BEC-004S	12/12/1990	BEC-4S-12/12/90	X	X ^b						X

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
BEC-004S	8/10/1995	BEC-4S~8101995	X	X ^a						
BEC-004S	1/23/2003	28499RWT230103WGSZ-2		X		X	X			
BEC-004S	2/4/2003	28499RWT040203WGSZ-2	X							
BEC-004S	2/16/2005	0002-021605-1146	X	X		X				
BEC-004S	4/20/2005	0002-042005-1031	X	X		X				
BEC-004S	8/22/2005	0002-082205-1311	X	X		X				
BEC-005D	8/9/1995	BEC-5D-080995	X	X ^a					X	
BEC-005D	8/20/2002	28499RWT082002DE1	X							
BEC-005D	1/24/2003	28499RWT240103WGDE2		X		X	X			
BEC-005D	1/30/2003	0391	X							
BEC-005D	2/17/2005	5053024					X			
BEC-005D	2/17/2005	7387	X	X						
BEC-005D	4/21/2005	5115012					X			
BEC-005D	4/21/2005	8059	X	X						
BEC-005D	9/2/2005	5249015					X			
BEC-005D	9/2/2005	9441	X	X						
BEC-005D	8/9/2006	6234016					X			
BEC-005D	8/9/2006	4109	X	X						
BEC-005S	9/1/1989	UNKNOWN	X	X ^a					X	
BEC-005S	11/8/1990	UNKNOWN	X	X ^b						
BEC-005S	12/12/1990	UNKNOWN	X	X ^b					X	X
BEC-005S	4/20/1994	UNKNOWN	X	X ^b						
BEC-005S	4/20/1994	AA22740					X			
BEC-005S	4/20/1995	BEC-5S-042095	X	X ^a		X			X	
BEC-005S	3/12/1996	BEC-5S-0312/96	X	X ^a		X			X	
BEC-005S	3/12/1996	BEC-5S-03/12/96-DUP	X			X			X	
BEC-005S	1/30/2003	28499RWT300103WGSE-2		X		X	X			
BEC-005S	2/4/2003	28499RWT040203WGSE-2	X							
BEC-005S	2/15/2005	0002-021505-1411	X	X		X				
BEC-005S	4/19/2005	5112026					X			
BEC-005S	4/19/2005	0002-041905-1354	X	X						
BEC-005S	8/19/2005	5236022					X			
BEC-005S	8/19/2005	9363	X	X						
BEC-006D	8/9/1995	UNKNOWN	X	X ^a					X	
BEC-006D	1/23/2003	3030105					X			
BEC-006D	1/23/2003	9338		X			X			
BEC-006D	1/24/2003	0293	X							
BEC-006D	10/29/2003	3307105					X			
BEC-006D	10/29/2003	8889	X	X						
BEC-006S	12/15/1989	UNKNOWN					X			
BEC-006S	12/15/1989	VOABA70A	X	X ^b			X			
BEC-006S	11/8/1990	UNKNOWN	X	X ^b					X	
BEC-006S	12/12/1990	UNKNOWN	X	X ^b					X	X
BEC-006S	1/24/2003	3030105					X			
BEC-006S	1/24/2003	9350		X			X			
BEC-006S	1/28/2003	0375	X							
BEC-006S	2/16/2005	5052039					X			
BEC-006S	2/16/2005	7387	X	X						
BEC-006S	4/19/2005	5112026					X			
BEC-006S	4/19/2005	8055	X	X						
BEC-006S	8/17/2005	5234019					X			
BEC-006S	8/17/2005	9301	X	X						
BEC-007D	8/8/1995	UNKNOWN	X	X ^a					X	
BEC-007D	1/28/2003	3034101					X			
BEC-007D	1/28/2003	8350		X			X			
BEC-007D	2/3/2003	0411	X							
BEC-007D	10/28/2003	3307105					X			
BEC-007D	10/28/2003	8885	X	X						
BEC-007S	12/15/1989	UNKNOWN					X			
BEC-007S	12/15/1989	VOABA81A	X	X ^b			X			
BEC-007S	11/8/1990	UNKNOWN	X	X ^b					X	
BEC-007S	12/12/1990	UNKNOWN	X	X ^b					X	X
BEC-007S	8/9/1995	UNKNOWN	X	X ^a					X	
BEC-007S	1/29/2003	3034101					X			
BEC-007S	1/29/2003	9385		X			X			
BEC-007S	1/29/2003	0375	X							
BEC-007S	10/22/2003	3307115					X			
BEC-007S	10/22/2003	8811	X	X						
BEC-007S	2/16/2005	5052039					X			
BEC-007S	2/16/2005	7387	X	X						
BEC-007S	4/20/2005	5115011					X			
BEC-007S	4/20/2005	8059	X	X						
BEC-007S	8/29/2005	5245032					X			
BEC-007S	8/29/2005	9423	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
BEC-008D	8/8/1995	UNKNOWN	X	X ^a					X	
BEC-008D	8/19/2002	8947	X							
BEC-008D	1/22/2003	3030105				X				
BEC-008D	1/22/2003	9338		X				X		
BEC-008D	1/28/2003	0375	X							
BEC-008D	10/23/2003	3307115				X				
BEC-008D	10/23/2003	8819	X	X						
BEC-008D	2/18/2005	5054021				X				
BEC-008D	2/18/2005	0147	X	X						
BEC-008D	4/29/2005	5122041				X				
BEC-008D	4/29/2005	8179	X	X						
BEC-008D	8/8/2005	5223012				X				
BEC-008D	8/8/2005	9169	X	X						
BEC-008S	12/15/1989	UNKNOWN				X				
BEC-008S	12/15/1989	VOABA82A	X	X ^b				X		
BEC-008S	11/8/1990	UNKNOWN	X	X ^b						X
BEC-008S	12/12/1990	BEC-8S~12/12/90	X	X ^b				X		
BEC-008S	8/10/1995	BEC-8S-8101995	X	X ^b				X		
BEC-008S	1/30/2003	28499RWT300103WGSJ-2		X		X	X			
BEC-008S	2/5/2003	28499RWT050203WGSJ-2	X							
BEC-008S	2/15/2005	0002-021505-1406		X	X		X			
BEC-008S	4/19/2005	0002-041905-1241	X	X		X				
BEC-008S	8/19/2005	0002-081905-1111	X	X		X				
BEC-009D	8/8/1995	UNKNOWN	X	X ^a					X	
BEC-009D	8/21/2002	9005	X							
BEC-009D	1/29/2003	3034101				X				
BEC-009D	1/29/2003	9385		X				X		
BEC-009D	2/3/2003	0411	X							
BEC-009D	10/28/2003	3307105				X				
BEC-009D	10/28/2003	3007	X							
BEC-009D	10/28/2003	8885		X						
BEC-009D	2/21/2005	5055016				X				
BEC-009D	2/21/2005	7461	X	X						
BEC-009D	4/26/2005	5119025				X				
BEC-009D	4/26/2005	8129	X	X						
BEC-009D	9/1/2005	5249015				X				
BEC-009D	9/1/2005	9423	X	X						
BEC-009S	12/15/1989	UNKNOWN				X				
BEC-009S	12/15/1989	VOABA83A	X	X ^b				X		
BEC-009S	11/8/1990	UNKNOWN	X	X ^b				X	X	
BEC-009S	12/12/1990	UNKNOWN	X	X ^b				X	X	
BEC-009S	1/30/2003	3036094				X				
BEC-009S	1/30/2003	9390						X		
BEC-009S	2/5/2003	0439	X							
BEC-009S	10/28/2003	3307105				X				
BEC-009S	10/28/2003	8885	X	X						
BEC-009S	2/15/2005	5049056				X				
BEC-009S	2/15/2005	7401	X	X						
BEC-009S	4/19/2005	5112026				X				
BEC-009S	4/19/2005	8049	X	X						
BEC-009S	9/9/2005	5257024				X				
BEC-009S	9/9/2005	9479	X	X						
BEC-009S	8/24/2006	6241015				X				
BEC-009S	8/24/2006	4163	X	X						
BEC-010S	12/12/1990	UNKNOWN	X	X ^b					X	
BEC-010S	1/31/2003	3036094				X				
BEC-010S	1/31/2003	9390		X				X		
BEC-010S	2/3/2003	0411	X							
BEC-010S	10/22/2003	3307115				X				
BEC-010S	10/22/2003	8811	X	X						
BEC-010S	2/15/2005	5049066				X				
BEC-010S	2/15/2005	7401	X	X						
BEC-010S	4/18/2005	5111032				X				
BEC-010S	4/18/2005	8049	X	X						
BEC-010S	8/22/2005	5237021				X				
BEC-010S	8/22/2005	9349	X	X						
BEC-010S	8/24/2006	6241015				X				
BEC-010S	8/24/2006	4163	X	X						
BEC-011S	12/12/1990	UNKNOWN	X	X ^b					X	
BEC-011S	1/31/2003	3036094				X				
BEC-011S	1/31/2003	9390		X				X		
BEC-011S	2/3/2003	0411	X							
BEC-011S	10/22/2003	3307115				X				
BEC-011S	10/22/2003	8811	X	X						
BEC-011S	2/15/2005	5049066				X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
BEC-011S	2/15/2005	7401	X	X						
BEC-011S	4/18/2005	5111032				X				
BEC-011S	4/18/2005	8049	X	X						
BEC-011S	8/22/2005	5237021				X				
BEC-011S	8/22/2005	9349	X	X						
BEC-012S	12/12/1990	UNKNOWN	X	X ^b					X	
BEC-012S	8/10/1995	UNKNOWN	X	X ^a					X	
BEC-012S	8/10/1995	29136	X						X	
BEC-012S	1/31/2003	28499RWT050203WGSB-2				X				
BEC-012S	1/31/2003	3036094				X				
BEC-012S	1/31/2003	9390		X		X				
BEC-012S	2/5/2003	0439	X							
BEC-012S	10/22/2003	3307115				X				
BEC-012S	10/22/2003	8811	X	X						
BEC-012S	2/15/2005	5049066				X				
BEC-012S	2/15/2005	7401	X	X						
BEC-012S	4/18/2005	5111032				X				
BEC-012S	4/18/2005	8049	X	X						
BEC-012S	8/19/2005	5236022				X				
BEC-012S	8/19/2005	9383	X	X						
BEC-013S	12/12/1990	UNKNOWN	X	X ^b				X	X	
BEC-013S	8/9/1995	UNKNOWN	X	X ^a				X		
BEC-013S	1/29/2003	3030105				X				
BEC-013S	1/23/2003	9338		X		X				
BEC-013S	1/28/2003	0375	X							
BEC-013S	2/17/2005	5053024				X				
BEC-013S	2/17/2005	7387	X	X						
BEC-013S	4/21/2005	5115012				X				
BEC-013S	4/21/2005	8059	X	X						
BEC-013S	8/17/2005	5234019				X				
BEC-013S	8/17/2005	9301	X	X						
BEC-013S	8/8/2006	6234016				X				
BEC-013S	8/8/2006	4097	X	X						
BEC-014S	4/20/1995	23331				X				
BEC-014S	4/20/1995	UNKNOWN	X	X ^a				X		
BEC-014S	8/10/1995	UNKNOWN	X	X ^a						
BEC-014S	3/12/1996	43073				X				
BEC-014S	3/12/1996	UNKNOWN	X	X ^a				X		
BEC-014S	1/30/2003	3036094				X				
BEC-014S	1/30/2003	9390		X		X				
BEC-014S	2/4/2003	0423	X							
BEC-014S	10/28/2003	3307105				X				
BEC-014S	10/28/2003	8885	X	X						
BEC-014S	3/16/2005	5077011				X				
BEC-014S	3/16/2005	7727	X	X						
BEC-014S	4/20/2005	5115011				X				
BEC-014S	4/20/2005	8055	X	X						
BEC-014S	8/23/2005	5242012				X				
BEC-014S	8/23/2005	9349	X	X						
BEC-014S	8/23/2006	6237025				X				
BEC-014S	8/23/2006	4147	X	X						
DRILL-WATER-1	3/7/2012	DUK059:DRILL-WATER-1:W030712	X							
DRILL-WATER-2	3/7/2012	DUK059:DRILL-WATER-2:W030712	X							
DRILL-WATER-3	3/7/2012	DUK059:DRILL-WATER-3:W030712	X							
DRILL-WATER-4	3/7/2012	DUK059:DRILL-WATER-4:W030712	X							
DRILL-WATER-5	3/7/2012	DUK059:DRILL-WATER-5:W030712	X							
EB1	10/16/2008	DUK059:K18:EB1:W101608						X		
EB1	11/13/2008	DUK059:EB-1:W111308	X	X		X	X			
EB1	11/14/2008	DUK059:EB-1:W111408		X		X				
K18	10/17/2008	DUK059:K18:EB2:W101708						X		
MW-014B2	12/28/2005	6003017				X				
MW-014B2	12/28/2005	0763	X	X						
MW-014B2	2/14/2006	6051032				X				
MW-014B2	2/14/2006	3223	X	X						
MW-014B2	5/4/2006	6130024				X				
MW-014B2	5/4/2006	3759	X	X						
MW-014B2	8/24/2006	6241015				X				
MW-014B2	8/24/2006	4163	X	X						
MW-014W	3/16/2005	5077011				X				
MW-014W	3/16/2005	7727	X	X						
MW-014W	4/20/2005	5115011				X				
MW-014W	4/20/2005	8055	X	X						
MW-014W	8/23/2005	5242012				X				
MW-014W	8/23/2005	9349	X	X						
MW-014W	11/15/2005	5322029				X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-014W	11/15/2005	2989	X	X						
MW-014W	8/23/2006	6237025					X			
MW-014W	8/23/2006	4147	X	X						
MW-015B	8/20/2002	9005	X							
MW-015B	1/24/2003	3036095					X			
MW-015B	1/24/2003	9350		X				X		
MW-015B	1/30/2003	0391	X							
MW-015B	10/23/2003	8819	X	X						
MW-015B	11/17/2004	4329026					X			
MW-015B	11/17/2004	9911	X	X						
MW-015B	2/17/2005	5053024					X			
MW-015B	2/17/2005	7387	X	X						
MW-015B	4/20/2005	5115011					X			
MW-015B	4/20/2005	8055	X	X						
MW-015B	9/8/2005	5255022					X			
MW-015B	9/8/2005	9479	X	X						
MW-015B	8/9/2006	6234016					X			
MW-015B	8/9/2006	4109	X	X						
MW-015S	8/20/2002	9005	X							
MW-015S	1/24/2003	3030105					X			
MW-015S	1/24/2003	9350		X				X		
MW-015S	1/30/2003	0391	X							
MW-015S	10/23/2003	3307115					X			
MW-015S	10/23/2003	8819	X	X						
MW-015S	2/17/2005	5053024					X			
MW-015S	2/17/2005	7387	X	X						
MW-015S	4/20/2005	5115011					X			
MW-015S	4/20/2005	8055	X	X						
MW-015S	8/17/2005	5234019					X			
MW-015S	8/17/2005	9301	X	X						
MW-015S	8/9/2006	6226015					X			
MW-015S	8/9/2006	4109	X	X						
MW-015W	8/20/2002	9005	X							
MW-015W	1/24/2003	3030105					X			
MW-015W	1/24/2003	9350								
MW-015W	1/30/2003	0391	X					X		
MW-015W	10/23/2003	3307115					X			
MW-015W	10/23/2003	8819	X	X						
MW-015W	2/17/2005	5053024					X			
MW-015W	2/17/2005	7387	X	X						
MW-015W	4/20/2005	5115011					X			
MW-015W	4/20/2005	8055	X	X						
MW-015W	8/17/2005	5234019					X			
MW-015W	8/17/2005	9301	X	X						
MW-015W	8/9/2006	6234016					X			
MW-015W	8/9/2006	4109	X	X						
MW-016B	8/21/2002	9005	X							
MW-016B	1/28/2003	3034101					X			
MW-016B	1/28/2003	9350		X				X		
MW-016B	1/29/2003	0375	X							
MW-016B	10/23/2003	3307115					X			
MW-016B	10/23/2003	3159	X	X						
MW-016B	11/13/2004	4327024					X			
MW-016B	11/13/2004	8901	X	X						
MW-016B	2/14/2005	5048023					X			
MW-016B	2/14/2005	7383	X	X						
MW-016B	4/16/2005	5111032					X			
MW-016B	4/16/2005	8049	X	X						
MW-016B	8/16/2005	5231017					X			
MW-016B	8/16/2005	9275	X	X						
MW-016B	8/10/2006	6228017					X			
MW-016B	8/10/2006	4109	X	X						
MW-016S	8/21/2002	9005	X							
MW-016S	1/28/2003	3034101					X			
MW-016S	1/28/2003	9350		X				X		
MW-016S	1/29/2003	0375	X							
MW-016S	10/23/2003	3307115					X			
MW-016S	10/23/2003	3159	X	X						
MW-016S	2/14/2005	5048023					X			
MW-016S	2/14/2005	7383	X	X						
MW-016S	4/16/2005	5111032					X			
MW-016S	4/16/2005	8049	X	X						
MW-016S	8/16/2005	5231017					X			
MW-016S	8/16/2005	9275	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-016S	8/10/2006	6228017				X				
MW-016S	8/10/2006	4109	X	X						
MW-016W	8/21/2002	9005	X							
MW-016W	1/28/2003	3034101				X				
MW-016W	1/28/2003	9350		X			X			
MW-016W	1/28/2003	0375	X							
MW-016W	10/23/2003	3307115				X				
MW-016W	10/23/2003	8819	X	X						
MW-016W	11/13/2004	4327024						X		
MW-016W	11/13/2004	9901	X	X						
MW-016W	2/18/2005	5054021						X		
MW-016W	2/18/2005	7435	X	X						
MW-016W	4/18/2005	5111032				X				
MW-016W	4/18/2005	8049	X	X						
MW-016W	8/16/2005	5231017						X		
MW-016W	8/16/2005	9275	X	X						
MW-016W	8/10/2006	6228017				X				
MW-016W	8/10/2006	4109	X	X						
MW-017B	8/19/2002	8947	X							
MW-017B	1/22/2003	3030105				X				
MW-017B	1/22/2003	9338		X			X			
MW-017B	1/27/2003	0331	X							
MW-017B	10/28/2003	3307105				X				
MW-017B	10/28/2003	8885	X	X						
MW-017B	11/12/2004	4322016				X				
MW-017B	11/12/2004	9889	X	X						
MW-017B	2/17/2005	5053024						X		
MW-017B	2/17/2005	7435	X	X						
MW-017B	4/26/2005	5119025				X				
MW-017B	4/26/2005	8129	X	X						
MW-017B	8/8/2005	5223012				X				
MW-017B	8/8/2005	9189	X	X						
MW-017B	8/17/2006	6234018						X		
MW-017B	8/17/2006	4131	X	X						
MW-017S	8/19/2002	8947	X							
MW-017S	1/22/2003	3030105				X				
MW-017S	1/22/2003	9338		X			X			
MW-017S	1/27/2003	0331	X							
MW-017S	10/28/2003	3307105				X				
MW-017S	10/28/2003	8885	X	X						
MW-017S	2/17/2005	5053024				X				
MW-017S	2/17/2005	7435	X	X						
MW-017S	4/26/2005	5119025				X				
MW-017S	4/26/2005	8129	X	X						
MW-017S	8/8/2005	5223012				X				
MW-017S	8/8/2005	9189	X	X						
MW-017S	8/17/2006	6234018				X				
MW-017S	8/17/2006	4131	X	X						
MW-017W	8/19/2002	8947	X							
MW-017W	1/22/2003	3030105				X				
MW-017W	1/22/2003	9338		X			X			
MW-017W	1/27/2003	0331	X							
MW-017W	10/28/2003	3307105				X				
MW-017W	10/28/2003	8885	X	X						
MW-017W	11/12/2004	4322016						X		
MW-017W	11/12/2004	9889	X	X						
MW-017W	2/17/2005	5053024				X				
MW-017W	2/17/2005	7435	X	X						
MW-017W	4/26/2005	5119025				X				
MW-017W	4/26/2005	8129	X	X						
MW-017W	8/8/2005	5223012				X				
MW-017W	8/8/2005	9189	X	X						
MW-017W	8/17/2006	6234018				X				
MW-017W	8/17/2006	4131	X	X						
MW-017W	8/19/2002	8947	X							
MW-017W	1/22/2003	3030105				X				
MW-017W	1/22/2003	9338		X			X			
MW-017W	1/27/2003	0331	X							
MW-017W	10/28/2003	3307105				X				
MW-017W	10/28/2003	8885	X	X						
MW-017W	11/12/2004	4322016						X		
MW-017W	11/12/2004	9889	X	X						
MW-017W	2/17/2005	5053024				X				
MW-017W	2/17/2005	7435	X	X						
MW-017W	4/26/2005	5119025				X				
MW-017W	4/26/2005	8129	X	X						
MW-017W	8/8/2005	5223012				X				
MW-017W	8/8/2005	9189	X	X						
MW-017W	8/17/2006	6234018				X				
MW-017W	8/17/2006	4131	X	X						
MW-018B	8/20/2002	9005	X							
MW-018B	1/27/2003	3030105				X				
MW-018B	1/27/2003	9338		X			X			
MW-018B	1/28/2003	0375	X							
MW-018B	10/29/2003	3307105				X				
MW-018B	10/29/2003	8889	X	X						
MW-018B	11/11/2004	4322016						X		
MW-018B	11/11/2004	9889	X	X						
MW-018B	3/1/2005	5063019						X		
MW-018B	3/1/2005	7539	X	X						
MW-018B	5/3/2005	5126039				X				
MW-018B	5/3/2005	8203	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-018B	8/11/2005	5227018				X				
MW-018B	8/11/2005	9263	X	X						
MW-018B	8/21/2006	6237025				X				
MW-018B	8/21/2006	4143	X	X						
MW-018S	8/20/2002	MW018S14	X							
MW-018S	1/27/2003	MW018S28				X				
MW-018S	1/27/2003	MW018S26		X				X		
MW-018S	1/28/2003	MW018S25	X							
MW-018S	10/29/2003	MW018S23				X				
MW-018S	10/29/2003	MW018S22	X	X						
MW-018S	3/1/2005	MW018S20				X				
MW-018S	3/1/2005	MW018S19	X	X						
MW-018S	5/3/2005	MW018S17				X				
MW-018S	5/3/2005	MW018S2	X	X						
MW-018S	8/10/2005	MW018S29				X				
MW-018S	8/10/2005	MW018S13	X	X						
MW-018S	8/21/2006	MW018S10				X				
MW-018S	8/21/2006	MW018S11	X	X						
MW-018W	8/20/2002	9005	X							
MW-018W	1/27/2003	3030105				X				
MW-018W	1/27/2003	9338		X					X	
MW-018W	1/28/2003	0375	X							
MW-018W	10/29/2003	3307105				X				
MW-018W	10/29/2003	8889	X	X						
MW-018W	11/1/2004	4322016				X				
MW-018W	11/1/2004	9889	X	X						
MW-018W	3/1/2005	5063019				X				
MW-018W	3/1/2005	7539	X	X						
MW-018W	5/3/2005	5126039				X				
MW-018W	5/3/2005	8203	X	X						
MW-018W	8/10/2005	5227014				X				
MW-018W	8/10/2005	9263	X	X						
MW-018W	8/21/2006	6237025				X				
MW-018W	8/21/2006	3087	X	X						
MW-01D	4/16/2003	3111100				X				
MW-01D	4/16/2003	9497		X				X		
MW-01D	4/16/2003	1089	X							
MW-01D	10/22/2003	3307115				X				
MW-01D	10/22/2003	8811	X	X						
MW-01D	2/16/2005	5052039				X				
MW-01D	2/16/2005	7387	X	X						
MW-01D	4/19/2005	5112026				X				
MW-01D	4/19/2005	8055	X	X						
MW-01D	8/17/2005	5234019				X				
MW-01D	8/17/2005	9301	X	X						
MW-01D	8/18/2006	6236023				X				
MW-01D	8/18/2006	4131	X	X						
MW-020S	4/16/2003	MW020S2				X				
MW-020S	4/16/2003	MW020S25				X				
MW-020S	4/16/2003	MW020S21							X	
MW-020S	4/16/2003	MW020S22							X	
MW-020S	4/16/2003	MW020S21			X					
MW-020S	4/16/2003	MW020S22			X					
MW-020S	5/20/2003	MW020S19	X							
MW-020S	5/20/2003	MW020S20	X							
MW-020S	10/23/2003	MW020S17							X	
MW-020S	10/23/2003	MW020S16	X	X						
MW-020S	2/18/2005	MW020S1							X	
MW-020S	2/18/2005	MW020S13	X	X						
MW-020S	4/28/2005	MW020S11							X	
MW-020S	4/28/2005	MW020S10	X	X						
MW-020S	8/8/2005	MW020S8							X	
MW-020S	8/8/2005	MW020S7	X	X						
MW-021S	10/2/2003	3287091							X	
MW-021S	10/3/2003	2713	X							
MW-021S	2/21/2005	5055016							X	
MW-021S	2/21/2005	7461	X	X						
MW-021S	4/26/2005	5119025							X	
MW-021S	4/26/2005	8129	X	X						
MW-021S	9/1/2005	5249015							X	
MW-021S	9/1/2005	9423	X	X						
MW-021S	8/31/2007	7247014							X	
MW-021S	8/31/2007	6893	X	X						
MW-021S	10/4/2007	7281021							X	
MW-021S	10/4/2007	7291	X	X						
MW-022S	10/3/2003	3287091							X	

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-022S	10/3/2003	2713	X							
MW-022S	2/24/2005	5059018				X				
MW-022S	2/24/2005	7497	X	X						
MW-022S	5/3/2005	5126039				X				
MW-022S	5/3/2005	8203	X	X						
MW-022S	8/10/2005	5227014				X				
MW-022S	8/10/2005	9263	X	X						
MW-022S	8/21/2006	4143	X	X						
MW-022S	8/29/2006	6248243				X				
MW-022S	8/30/2007	7247016				X				
MW-022S	8/30/2007	6891	X	X						
MW-022S	10/2/2007	7278022				X				
MW-022S	10/2/2007	7223	X	X						
MW-022W	11/17/2003	3330136				X				
MW-022W	11/17/2003	8929A	X	X						
MW-022W	11/11/2004	4322016				X				
MW-022W	11/11/2004	9889	X	X						
MW-022W	2/24/2005	5059018				X				
MW-022W	2/24/2005	7477	X	X						
MW-022W	2/24/2005	7497	X	X						
MW-022W	5/3/2005	5126039				X				
MW-022W	5/3/2005	8225	X	X						
MW-022W	8/10/2005	5227014				X				
MW-022W	8/10/2005	9263	X	X						
MW-022W	8/21/2006	6237025				X				
MW-022W	8/21/2006	4143	X	X						
MW-022W	8/30/2007	7247016				X				
MW-022W	8/30/2007	6891	X	X						
MW-022W	10/2/2007	7278022				X				
MW-022W	10/2/2007	7259	X	X						
MW-023S	10/2/2003	MW023S2				X				
MW-023S	10/5/2003	MW023S20	X							
MW-023S	2/28/2005	MW023S18				X				
MW-023S	2/28/2005	MW023S17	X	X						
MW-023S	5/3/2005	MW023S15				X				
MW-023S	5/3/2005	MW023S14	X	X						
MW-023S	8/11/2005	MW023S1				X				
MW-023S	8/11/2005	MW023S11	X	X						
MW-023W	11/14/2004	mw023w22				X				
MW-023W	11/14/2004	mw023w23				X				
MW-023W	11/14/2004	mw023w18	X	X						
MW-023W	11/14/2004	mw023w19	X	X						
MW-023W	2/28/2005	mw023w16				X				
MW-023W	2/28/2005	mw023w1	X	X						
MW-023W	5/3/2005	mw023w27				X				
MW-023W	5/3/2005	mw023w12	X	X						
MW-023W	8/11/2005	mw023w8				X				
MW-023W	8/11/2005	mw023w9				X				
MW-023W	8/11/2005	mw023w6	X	X						
MW-023W	8/11/2005	mw023w7	X	X						
MW-023W	8/11/2005	mw023w7	X							
MW-023W	8/25/2006	mw023w3				X				
MW-023W	8/25/2006	mw023w4	X	X						
MW-024S	10/2/2003	3287091				X				
MW-024S	10/3/2003	2713	X							
MW-024S	10/3/2003	2777	X							
MW-024S	2/23/2005	5059019				X				
MW-024S	2/23/2005	7477	X	X						
MW-024S	4/25/2005	5117023				X				
MW-024S	4/25/2005	8097	X	X						
MW-024S	8/12/2005	5227017				X				
MW-024S	8/12/2005	9281	X	X						
MW-024S	8/16/2006	6234019				X				
MW-024S	8/16/2006	4123	X	X						
MW-025S	10/2/2003	3287091				X				
MW-025S	10/3/2003	2713	X							
MW-025S	2/23/2005	5059019				X				
MW-025S	2/23/2005	7477	X	X						
MW-025S	4/25/2005	5117023				X				
MW-025S	4/25/2005	8097	X	X						
MW-025S	8/12/2005	5227017				X				
MW-025S	8/12/2005	9281	X	X						
MW-025S	8/16/2006	6234019				X				
MW-025S	8/16/2006	4123	X	X						
MW-026S	10/2/2003	MW026S11				X				
MW-026S	10/3/2003	MW026S22	X							

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-026S	2/28/2005	MW026S20				X				
MW-026S	2/28/2005	MW026S19	X	X						
MW-026S	4/27/2005	MW026S17				X				
MW-026S	4/27/2005	MW026S16	X	X						
MW-026S	8/11/2005	MW026S14				X				
MW-026S	8/11/2005	MW026S1	X	X						
MW-026S	8/17/2006	MW026S10				X				
MW-026S	8/17/2006	MW026S23	X	X						
MW-026W	11/18/2003	3330136							X	
MW-026W	11/18/2003	8935	X	X						
MW-026W	11/16/2004	4328029				X				
MW-026W	11/16/2004	9905	X	X						
MW-026W	2/28/2005	5061028				X				
MW-026W	2/28/2005	7539	X	X						
MW-026W	5/6/2005	5129045							X	
MW-026W	5/6/2005	8249	X	X						
MW-026W	8/11/2005	5227018				X				
MW-026W	8/11/2005	9263	X	X						
MW-026W	8/17/2006	6234018				X				
MW-026W	8/17/2006	4131	X	X						
MW-027S	4/26/2005	5119025							X	
MW-027S	4/26/2005	8129	X	X						
MW-027S	8/8/2005	5223012				X				
MW-027S	8/8/2005	9189	X	X						
MW-027S	10/31/2005	5311024				X				
MW-027S	10/31/2005	2931	X	X						
MW-027S	2/13/2006	6047020							X	
MW-027S	2/13/2006	3219	X	X						
MW-027W	11/18/2003	3330136				X				
MW-027W	11/18/2003	8935	X	X						
MW-027W	11/12/2004	4322016				X				
MW-027W	11/12/2004	9889	X	X						
MW-027W	2/18/2005	5054021							X	
MW-027W	2/18/2005	7435	X	X						
MW-027W	4/26/2005	5119025							X	
MW-027W	4/26/2005	8129	X	X						
MW-027W	8/8/2005	5223012				X				
MW-027W	8/8/2005	9189	X	X						
MW-028W	11/18/2003	3330136				X				
MW-028W	11/18/2003	8935	X	X						
MW-028W	11/13/2004	4327024				X				
MW-028W	11/13/2004	9901	X	X						
MW-028W	2/18/2005	5054021							X	
MW-028W	2/18/2005	7435	X	X						
MW-028W	4/26/2005	5119025							X	
MW-028W	4/26/2005	8129	X							
MW-028W	8/8/2005	5224017							X	
MW-028W	8/8/2005	2597	X	X						
MW-029W	11/18/2003	3330136				X				
MW-029W	11/18/2003	8935	X	X						
MW-029W	11/13/2004	4327024				X				
MW-029W	11/13/2004	9901	X	X						
MW-029W	2/18/2005	5054021							X	
MW-029W	2/18/2005	7435	X	X						
MW-029W	4/29/2005	5122041							X	
MW-029W	4/29/2005	8179	X	X						
MW-029W	8/8/2005	5223012							X	
MW-029W	8/8/2005	9189	X	X						
MW-029W	8/17/2006	6234018							X	
MW-029W	8/17/2006	4131	X	X						
MW-030W	12/3/2003	3345105							X	
MW-030W	12/3/2003	8975	X	X						
MW-030W	11/13/2004	4327024							X	
MW-030W	11/13/2004	9901	X	X						
MW-030W	2/18/2005	5054021							X	
MW-030W	2/18/2005	7435	X	X						
MW-030W	4/29/2005	5122041							X	
MW-030W	4/29/2005	8179	X	X						
MW-030W	8/8/2005	5223012							X	
MW-030W	8/8/2005	9189	X	X						
MW-030W	8/17/2006	6234018							X	
MW-030W	8/17/2006	4131	X	X						
MW-033D	11/17/2003	3330136							X	
MW-033D	11/17/2003	8929A	X	X						
MW-033D	2/23/2005	5059019							X	
MW-033D	2/23/2005	7477	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-033D	4/25/2005	5117023				X				
MW-033D	4/25/2005	8097	X	X						
MW-033D	8/16/2005	5231017				X				
MW-033D	8/16/2005	9275	X	X						
MW-033W	11/17/2003	3330136				X				
MW-033W	11/17/2003	8929A	X	X						
MW-033W	11/9/2004	4321020				X				
MW-033W	11/9/2004	9883	X	X						
MW-033W	2/23/2005	5059019				X				
MW-033W	2/23/2005	7477	X	X						
MW-033W	4/25/2005	5117023				X				
MW-033W	4/25/2005	8097	X	X						
MW-033W	8/16/2005	5231017				X				
MW-033W	8/16/2005	9275	X	X						
MW-033W	8/29/2007	7247016				X				
MW-033W	8/29/2007	6875	X	X						
MW-034D	12/4/2003	3345105				X				
MW-034D	12/4/2003	8975	X	X						
MW-034D	2/23/2005	5059019				X				
MW-034D	2/23/2005	7477	X	X						
MW-034D	4/22/2005	5115012				X				
MW-034D	4/22/2005	8079	X	X						
MW-034D	8/12/2005	5227017				X				
MW-034D	8/12/2005	9281	X	X						
MW-034S	10/2/2003	3287091				X				
MW-034S	10/2/2003	8799		X			X			
MW-034S	10/3/2003	2713	X							
MW-034S	2/23/2005	5059019				X				
MW-034S	2/23/2005	7477	X	X						
MW-034S	4/22/2005	5115012				X				
MW-034S	4/22/2005	8079	X	X						
MW-034S	8/12/2005	5227017				X				
MW-034S	8/12/2005	9281	X	X						
MW-034S	8/30/2007	7247016				X				
MW-034S	8/30/2007	6891	X	X						
MW-034W	11/17/2003	3330136				X				
MW-034W	11/17/2003	8929A	X	X						
MW-034W	11/9/2004	4321020				X				
MW-034W	11/9/2004	9883	X	X						
MW-034W	2/23/2005	5059019				X				
MW-034W	2/23/2005	7477	X	X						
MW-034W	4/22/2005	5115012				X				
MW-034W	4/22/2005	8079	X	X						
MW-034W	8/12/2005	5227017				X				
MW-034W	8/12/2005	9281	X	X						
MW-034W	8/30/2007	7247016				X				
MW-034W	8/30/2007	6893	X	X						
MW-038S	10/13/2003	3293113				X				
MW-038S	10/13/2003	8767	X	X			X			
MW-038S	2/23/2005	5059019				X				
MW-038S	2/23/2005	7477	X	X						
MW-038S	4/22/2005	5115012				X				
MW-038S	4/22/2005	8079	X	X						
MW-038S	8/12/2005	5227017				X				
MW-038S	8/12/2005	9281	X	X						
MW-040S	2/25/2005	MW040S16				X				
MW-040S	2/25/2005	MW040S15	X	X						
MW-040S	5/6/2005	MW040S13				X				
MW-040S	5/6/2005	MW040S1	X	X						
MW-040S	8/8/2005	MW040S21				X				
MW-040S	8/8/2005	MW040S9	X	X						
MW-040S	11/17/2005	MW040S6				X				
MW-040S	11/17/2005	MW040S7	X	X						
MW-040W	11/15/2004	4324023				X				
MW-040W	11/15/2004	9901	X	X						
MW-040W	2/25/2005	5059018				X				
MW-040W	2/25/2005	7513	X	X						
MW-040W	5/6/2005	5129045				X				
MW-040W	5/6/2005	8225	X	X						
MW-040W	5/6/2005	8249	X	X						
MW-040W	8/8/2005	5223012				X				
MW-040W	8/8/2005	9189	X	X						
MW-041S	4/26/2005	MW041S11				X				
MW-041S	4/26/2005	MW041S1	X	X						
MW-041S	8/9/2005	MW041S17				X				
MW-041S	8/9/2005	MW041S7	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-041S	11/16/2005	MW041S16				X				
MW-041S	11/16/2005	MW041S6	X	X						
MW-041S	2/8/2006	MW041S13				X				
MW-041S	2/8/2006	MW041S14	X	X						
MW-041S	7/29/2011	DUK096:MW-41S:G072911	X							
MW-041W	11/16/2004	4328029				X				
MW-041W	11/16/2004	9905	X	X						
MW-041W	2/28/2005	5061028				X				
MW-041W	2/28/2005	7545	X	X						
MW-041W	4/28/2005	5122043				X				
MW-041W	4/28/2005	8159	X	X						
MW-041W	8/9/2005	5224017				X				
MW-041W	8/9/2005	9207	X	X						
MW-041W	7/29/2011	DUK096:MW-41W:G072911	X							
MW-042W	11/15/2004	4324023				X				
MW-042W	11/15/2004	9901	X	X						
MW-042W	2/21/2005	5055016				X				
MW-042W	2/21/2005	7461	X	X						
MW-042W	4/21/2005	5115012				X				
MW-042W	4/21/2005	8059	X	X						
MW-042W	8/18/2005	5236022				X				
MW-042W	8/18/2005	9335	X	X						
MW-044B	5/9/2005	5132018				X				
MW-044B	5/9/2005	8283	X	X						
MW-044B	8/29/2005	5245032				X				
MW-044B	8/29/2005	9423	X	X						
MW-044B	11/16/2005	5325022				X				
MW-044B	11/16/2005	2989	X	X						
MW-044B	2/14/2006	6051032				X				
MW-044B	2/14/2006	3223	X	X						
MW-044B	8/15/2006	6234019				X				
MW-044B	8/15/2006	4123	X	X						
MW-044S	2/21/2005	5055016				X				
MW-044S	2/21/2005	7461	X	X						
MW-044S	4/21/2005	5115012				X				
MW-044S	4/21/2005	8059	X	X						
MW-044S	8/25/2005	5241012				X				
MW-044S	8/25/2005	9349	X	X						
MW-044S	10/31/2005	5311024				X				
MW-044S	10/31/2005	2931	X	X						
MW-044S	8/15/2006	6234019				X				
MW-044S	8/15/2006	4123	X	X						
MW-044W	11/15/2004	4324023				X				
MW-044W	11/15/2004	9901	X	X						
MW-044W	2/21/2005	5055016				X				
MW-044W	2/21/2005	7461	X	X						
MW-044W	4/21/2005	5115012				X				
MW-044W	4/21/2005	8059	X	X						
MW-044W	8/25/2005	5241012				X				
MW-044W	8/25/2005	8349	X	X						
MW-044W	8/15/2006	6234019				X				
MW-044W	8/15/2006	4123	X	X						
MW-045B	11/19/2004	4329026				X				
MW-045B	11/19/2004	9911	X	X						
MW-045B	2/15/2005	5049068				X				
MW-045B	2/15/2005	7401	X	X						
MW-045B	4/18/2005	5111032				X				
MW-045B	4/18/2005	8049	X	X						
MW-045B	9/8/2005	5255022				X				
MW-045B	9/8/2005	9479	X	X						
MW-045B	8/24/2006	6241015				X				
MW-045B	8/24/2006	4163	X	X						
MW-045W	11/15/2004	4324023				X				
MW-045W	11/15/2004	6571	X	X						
MW-045W	2/15/2005	5049066				X				
MW-045W	2/15/2005	7401	X	X						
MW-045W	4/18/2005	5111032				X				
MW-045W	4/18/2005	8049	X	X						
MW-045W	9/8/2005	5255022				X				
MW-045W	9/8/2005	9479	X	X						
MW-045W	8/24/2006	6241015				X				
MW-045W	8/24/2006	4163	X	X						
MW-046W	11/11/2004	4322016				X				
MW-046W	11/11/2004	9889	X	X						
MW-046W	2/24/2005	5059018				X				
MW-046W	2/24/2005	7497	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-046W	5/4/2005	5129037				X				
MW-046W	5/4/2005	8225	X	X						
MW-046W	8/11/2005	5227018				X				
MW-046W	8/11/2005	9281	X	X						
MW-046W	8/21/2006	6237025				X				
MW-046W	8/21/2006	4143	X	X						
MW-046W	8/30/2007	7247016				X				
MW-046W	8/30/2007	6891	X	X						
MW-046W	10/2/2007	7278022				X				
MW-046W	10/2/2007	7223	X	X						
MW-048S	4/28/2005	MW048S16				X				
MW-048S	4/28/2005	MW048S15	X	X						
MW-048S	8/9/2005	MW048S13				X				
MW-048S	8/9/2005	MW048S12	X	X						
MW-048S	11/17/2005	MW048S9				X				
MW-048S	11/17/2005	MW048S1	X	X						
MW-048S	2/8/2006	MW048S6				X				
MW-048S	2/8/2006	MW048S7	X	X						
MW-048S	7/29/2011	DUK096:MW-48S:G072911	X							
MW-048W	11/16/2004	4328029				X				
MW-048W	11/16/2004	9905	X	X						
MW-048W	2/28/2005	5061028				X				
MW-048W	2/28/2005	7545	X	X						
MW-048W	4/28/2005	5122043				X				
MW-048W	4/28/2005	8159	X	X						
MW-048W	8/9/2005	5224017				X				
MW-048W	8/9/2005	9207	X	X						
MW-048W	7/29/2011	DUK096:MW-48W:G072911	X							
MW-049-B4	8/30/2005	5245032				X				
MW-049-B4	8/30/2005	9369	X	X						
MW-049-B4	11/2/2005	5314023				X				
MW-049-B4	11/2/2005	2943	X	X						
MW-049-B4	2/10/2006	6046018				X				
MW-049-B4	2/10/2006	3219	X	X						
MW-049-B4	5/8/2006	6137041				X				
MW-049-B4	5/8/2006	3773	X	X						
MW-049-B4	8/9/2006	6234016				X				
MW-049-B4	8/8/2006	4097	X	X						
MW-049BD	5/5/2005	5129037				X				
MW-049BD	5/5/2005	8249	X	X						
MW-049BD	6/30/2005	8881	X							
MW-049BD	8/31/2005	5249015				X				
MW-049BD	8/31/2005	9423	X	X						
MW-049BD	11/1/2005	5312015				X				
MW-049BD	11/1/2005	2935	X	X						
MW-049BD	8/16/2006	6234019				X				
MW-049BD	8/16/2006	4123	X	X						
MW-054B	5/6/2005	5129045				X				
MW-054B	5/6/2005	8249	X	X						
MW-054B	8/11/2005	5227018				X				
MW-054B	8/11/2005	9263	X	X						
MW-054B	11/15/2005	5326056				X				
MW-054B	11/15/2005	2988	X	X						
MW-054B	2/9/2006	6045018				X				
MW-054B	2/9/2006	3217	X	X						
MW-054B	8/11/2008	6229028				X				
MW-054B	8/11/2006	4117	X	X						
MW-054W	4/27/2005	5122041				X				
MW-054W	4/27/2005	8129	X	X						
MW-054W	8/11/2005	5227018				X				
MW-054W	8/11/2005	9263	X	X						
MW-054W	11/15/2005	5326056				X				
MW-054W	11/15/2005	2989	X	X						
MW-054W	2/9/2006	6045018				X				
MW-054W	2/9/2006	3217	X	X						
MW-054W	8/11/2006	6229028				X				
MW-054W	8/11/2006	4117	X	X						
MW-056W	5/3/2006	0002-050306-1056	X	X		X				
MW-056W	8/28/2006	0001-082806-1030	X	X		X				
MW-056W	10/17/2006	00021017061411	X	X		X				
MW-060B3	2/13/2006	0002-021306-1131	X	X		X				
MW-060B3	5/3/2006	0002-050306-1318	X	X		X				
MW-060B3	8/28/2006	0001-082806-1316	X	X		X				
MW-060B3	10/17/2006	00021017061201	X	X		X				
MW-060W	2/13/2006	0002-021306-0005	X	X		X				
MW-060W	2/13/2006	0002-021306-1216	X	X		X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-060W	5/3/2006	0002-050306-1316	X	X		X				
MW-060W	8/28/2006	0001-082806-1325	X	X		X				
MW-060W	10/17/2006	00021017061136	X	X		X				
MW-061B	4/25/2005	0001-042505-1350	X	X		X				
MW-061B	8/9/2005	0001-080905-1216	X	X		X				
MW-061B	11/10/2005	0002-111005-1231	X	X		X				
MW-061B	2/10/2006	0002-021006-1316	X	X		X				
MW-061S	4/25/2005	0001-042505-1345	X	X		X				
MW-061S	8/9/2005	0001-080905-1231	X	X		X				
MW-061S	11/10/2005	0002-111005-1326	X	X		X				
MW-061S	2/10/2006	0002-021006-1211	X	X		X				
MW-061W	4/25/2005	0001-042505-1247	X	X		X				
MW-061W	8/9/2005	0001-080905-1150	X	X		X				
MW-061W	11/10/2005	0002-111005-1319	X	X		X				
MW-061W	2/10/2006	0002-021006-1221	X	X		X				
MW-061W	8/25/2006	0001-082506-1145	X	X		X				
MW-062B	4/25/2005	0001-042505-1010	X	X		X				
MW-062B	8/9/2005	0001-080905-0005	X	X		X				
MW-062B	8/9/2005	0001-080905-1027	X	X		X				
MW-062B	11/10/2005	0002-111005-1041	X	X		X				
MW-062S	4/25/2005	0001-042505-0957	X	X		X				
MW-062S	8/9/2005	0001-080905-0923	X	X		X				
MW-062S	11/10/2005	0002-111005-1116	X	X		X				
MW-062S	2/9/2006	0002-020906-1416	X	X		X				
MW-062W	4/25/2005	0001-042505-1105	X	X		X				
MW-062W	8/9/2005	0001-080905-1017	X	X		X				
MW-062W	11/10/2005	0002-111005-1057	X	X		X				
MW-062W	2/9/2006	0002-020906-1406	X	X		X				
MW-062W	5/8/2006	0002-050806-1006	X	X		X				
MW-062W	8/25/2006	0002-082506-0005	X	X		X				
MW-062W	8/25/2006	0002-082506-1116	X	X		X				
MW-063B	4/21/2005	0001-042105-1330	X	X		X				
MW-063B	8/16/2005	0001-081605-1540	X	X		X				
MW-063B	11/11/2005	0002-111105-1006	X	X		X				
MW-063B	2/7/2006	0002-020706-1341	X	X		X				
MW-063B	8/10/2006	0002-081006-1056	X	X		X				
MW-063S	4/21/2005	0001-042105-1344	X	X		X				
MW-063S	8/16/2005	0001-081605-1508	X	X		X				
MW-063S	11/11/2005	0002-111105-1056	X	X		X				
MW-063S	2/7/2006	0002-020708-1441	X	X		X				
MW-063S	8/10/2006	0002-081006-1241	X	X		X				
MW-063W	4/21/2005	0001-042105-1247	X	X		X				
MW-063W	8/16/2005	0001-081605-1450	X	X		X				
MW-063W	11/11/2005	0002-111105-1031	X	X		X				
MW-063W	2/7/2006	0002-020706-1401	X	X		X				
MW-063W	8/10/2006	0002-081006-1141	X	X		X				
MW-064W	1/24/2006	0002-012406-1058	X	X		X				
MW-064W	2/13/2006	0002-021306-1306	X	X		X				
MW-064W	5/3/2006	0002-050306-1426	X	X		X				
MW-064W	8/14/2006	0001-081406-1226	X	X		X				
MW-064W	8/25/2006	0001-082906-1055	X	X		X				
MW-064W	10/17/2006	00021017060941	X	X		X				
MW-067S	4/27/2005	0001-042705-1253	X	X		X				
MW-067S	8/9/2005	0002-080905-1201	X	X		X				
MW-067S	11/16/2005	0002-111605-1241	X	X		X				
MW-067S	2/8/2006	0002-020806-0956	X	X		X				
MW-067S	7/29/2011	DUK096:MW-67S:G072911	X							
MW-067W	4/27/2005	0001-042705-1305	X	X		X				
MW-067W	8/9/2005	0002-080905-1215	X	X		X				
MW-067W	11/16/2005	0002-111605-0005	X	X		X				
MW-067W	11/16/2005	0002-111605-1250	X	X		X				
MW-067W	2/8/2006	0002-020806-1026	X	X		X				
MW-067W	7/29/2011	DUK096:MW-67W:G072911	X							
MW-067W	7/29/2011	DUK096:MW-67W:G072911A	X							
MW-068S	5/11/2005	0002-051105-1101	X	X		X				
MW-068S	8/19/2005	0001-081905-0005	X	X		X				
MW-068S	8/19/2005	0001-081905-1031	X	X		X				
MW-068S	11/4/2005	0002-10405-1216	X	X		X				
MW-068S	2/7/2006	0002-020706-1056	X	X		X				
MW-068S	8/14/2006	0002-081406-1446	X	X		X				
MW-068W	5/11/2005	0002-051105-1011	X	X		X				
MW-068W	8/19/2005	0001-081905-1100	X	X		X				
MW-068W	11/4/2005	0002-110405-1141	X	X		X				
MW-068W	2/7/2006	0002-020706-1046	X	X		X				
MW-068W	8/14/2006	0001-081406-1411	X	X		X				
MW-068S	4/21/2005	0002-042105-1549	X	X		X				

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APPENDIX B

LIST OF HISTORICAL GROUNDWATER SAMPLES COLLECTED AT THE LINDEN DEVELOPMENT LLC SITE

StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-069S	8/19/2005	0001-081905-1315	X	X		X				
MW-069S	11/7/2005	0002-110705-1244	X	X		X				
MW-069S	2/9/2006	0002-020906-1156	X	X		X				
MW-069S	8/7/2006	0002-080706-1239	X	X		X				
MW-069W	4/22/2005	0001-042205-1125	X	X		X				
MW-069W	8/19/2005	0001-081905-1209	X	X		X				
MW-069W	11/7/2005	0002-110705-1225	X	X		X				
MW-069W	2/9/2006	0002-020906-0005	X	X		X				
MW-069W	2/9/2006	0002-020906-1036	X	X		X				
MW-069W	5/8/2006	0002-050806-1116	X	X		X				
MW-069W	8/7/2006	0002-080706-1341	X	X		X				
MW-070W	9/9/2005	0002-090905-0005	X	X		X				
MW-070W	9/9/2005	0002-090905-1128	X	X		X				
MW-070W	11/8/2005	0002-110805-1445	X	X		X				
MW-070W	2/6/2006	0002-020606-1346	X	X		X				
MW-070W	5/4/2006	0002-050406-1016	X	X		X				
MW-070W	8/22/2006	0002-082206-1416	X	X		X				
MW-078S	8/29/2005	0002-082905-1301	X	X		X				
MW-078S	11/7/2005	0002-110705-1405	X	X		X				
MW-078S	2/6/2006	0002-020606-1121	X	X		X				
MW-078S	5/2/2006	0002-050206-1438	X	X		X				
MW-078S	8/7/2006	0002-080706-1525	X	X		X				
MW-078W	9/14/2005	0002-091405-1021	X	X		X				
MW-078W	11/7/2005	0002-110705-1441	X	X		X				
MW-078W	2/6/2006	0002-020606-0005	X	X		X				
MW-078W	2/6/2006	0002-020606-1111	X	X		X				
MW-078W	5/2/2006	0002-050206-1421	X	X		X				
MW-078W	8/7/2006	0002-080706-0005	X	X		X				
MW-078W	8/7/2006	0002-080706-1501	X	X		X				
MW-079S	9/6/2005	0002-090605-1032	X	X		X				
MW-079S	11/7/2005	0002-110705-0005	X	X		X				
MW-079S	11/7/2005	0002-110705-1055	X	X		X				
MW-079S	2/8/2006	0002-020806-1416	X	X		X				
MW-079S	5/3/2006	0002-050306-0931	X	X		X				
MW-079S	8/7/2006	0002-080706-1221	X	X		X				
MW-079W	9/6/2005	0002-090605-1026	X	X		X				
MW-079W	11/7/2005	0002-110705-1016	X	X		X				
MW-079W	2/8/2006	0002-020806-1441	X	X		X				
MW-079W	5/3/2006	0002-050306-0937	X	X		X				
MW-079W	8/7/2006	0002-080706-1121	X	X		X				
MW-081S	8/24/2005	0002-082405-1311	X	X		X				
MW-081S	11/3/2005	0002-110305-1331	X	X		X				
MW-081S	2/8/2006	0002-020806-1011	X	X		X				
MW-081S	5/1/2006	0002-050106-1331	X	X		X				
MW-082S	8/24/2005	0002-082405-1111	X	X		X				
MW-082S	11/4/2005	0002-110405-1306	X	X		X				
MW-082S	2/8/2006	0002-020806-1246	X	X		X				
MW-082S	5/1/2006	0002-050106-1141	X	X		X				
MW-083S	8/24/2005	0002-082405-1001	X	X		X				
MW-083S	11/4/2005	0002-110405-1301	X	X		X				
MW-083S	2/8/2006	0002-020806-1306	X	X		X				
MW-083S	5/1/2006	0002-050106-0005	X	X		X				
MW-083S	5/1/2006	0002-050106-1126	X	X		X				
MW-084S	9/7/2005	0002-090705-1132	X	X		X				
MW-084S	11/4/2005	0002-110405-1001	X	X		X				
MW-084S	2/7/2006	0002-020706-1206	X	X		X				
MW-084S	5/2/2006	0002-050206-1036	X	X		X				
MW-084W	9/7/2005	0002-090705-1129	X	X		X				
MW-084W	11/4/2005	0002-110405-1056	X	X		X				
MW-084W	2/7/2006	0002-020706-1221	X	X		X				
MW-084W	5/2/2006	0002-050206-1135	X	X		X				
MW-08B	11/18/2003	28499AAP181103GWBJ-3	X	X		X				
MW-08B	11/18/2003	28499AAP181103WGBJ-3	X	X		X				
MW-08B	11/14/2004	0468-111404-1200	X	X		X				
MW-08B	2/18/2005	0003-021805-1115	X	X		X				
MW-08B	4/29/2005	0001-042905-1005	X	X		X				
MW-08B	8/8/2005	0002-060805-1251	X	X		X				
MW-09B	2/21/2005	0001-022105-1206	X	X		X				
MW-09B	4/25/2005	0002-042605-1156	X	X		X				
MW-09B	9/1/2005	0002-090105-1136	X	X		X				
MW-09B	11/2/2005	0002-110205-1245	X	X		X				
MW-09B	8/8/2006	0002-080806-1426	X	X		X				
MW-09B	8/29/2007	00020829070005	X	X		X				
MW-09B	8/29/2007	00020829071116	X	X		X				
MW-09B	10/3/2007	00011003071252	X	X		X				
MW-09W	2/21/2005	0001-022105-1224	X	X		X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-09W	4/26/2005	0002-042605-1153	X	X		X				
MW-09W	9/1/2005	0002-090105-1031	X	X		X				
MW-09W	11/2/2005	0002-110205-1121	X	X		X				
MW-09W	8/8/2006	0002-080806-1301	X	X		X				
MW-09W	8/29/2007	0002-082907-1141	X	X		X				
MW-09W	10/5/2007	0002-100507-1216	X	X		X				
MW-15B2	10/7/2005	9859	X	X						
MW-15B2	11/14/2005	5321024				X				
MW-15B2	11/14/2005	2995	X	X						
MW-15B2	2/14/2006	6051032				X				
MW-15B2	2/14/2006	3223	X	X						
MW-15B2	5/4/2006	6130024				X				
MW-15B2	5/4/2006	3759	X	X						
MW-15B2	8/9/2006	6226015				X				
MW-15B2	8/9/2006	4109	X	X						
MW-31D	11/17/2003	3330136				X				
MW-31D	11/17/2003	8929A	X	X						
MW-31D	2/22/2005	5055016				X				
MW-31D	2/22/2005	7497	X	X						
MW-31D	4/25/2005	5117023				X				
MW-31D	4/25/2005	8097	X	X						
MW-31D	8/12/2005	5227017				X				
MW-31D	8/12/2005	9281	X	X						
MW-31D	11/17/2008	DUK059-MW-31D:G111708	X	X		X	X			
MW-31D	2/28/2012	DUK059-MW-31D:G022812	X	X	X	X				
MW-31S	11/3/2003	3315107				X				
MW-31S	11/3/2003	8811	X	X			X			
MW-31S	2/22/2005	5055016				X				
MW-31S	2/22/2005	7461	X	X						
MW-31S	5/5/2005	5129037				X				
MW-31S	5/5/2005	8249	X	X						
MW-31S	8/12/2005	5227017				X				
MW-31S	8/12/2005	9281	X	X						
MW-31S	8/29/2007	7247016				X				
MW-31S	8/29/2007	6891	X	X						
MW-31S	11/17/2008	DUK059-MW-31S:G111708	X	X		X	X			
MW-31S	2/28/2012	DUK059-MW-31S:G022812	X	X	X	X				
MW-31W	12/4/2003	3345105				X				
MW-31W	12/4/2003	8975	X	X						
MW-31W	11/15/2004	4324023				X				
MW-31W	11/15/2004	9901	X	X						
MW-31W	2/22/2005	5055016				X				
MW-31W	2/22/2005	7497	X	X						
MW-31W	4/25/2005	5117023				X				
MW-31W	4/25/2005	8097	X	X						
MW-31W	8/12/2005	5227017				X				
MW-31W	8/12/2005	9281	X	X						
MW-31W	8/16/2008	6234019				X				
MW-31W	8/16/2008	4123	X	X						
MW-31W	8/29/2007	7247016				X				
MW-31W	8/29/2007	6891	X	X						
MW-31W	11/14/2008	DUK059-MW-31W:G111408	X	X		X	X			
MW-31W	11/21/2008	DUK059-MW-31W:G112108	X							
MW-31W	2/28/2012	DUK059-MW-31W:G022812	X	X	X	X				
MW-35D	11/21/2008	DUK059-MW-35D:G112108	X	X		X	X			
MW-35D	3/7/2012	DUK059-MW-35D:G030712	X	X	X	X				
MW-35W	12/3/2003	3345105				X				
MW-35W	12/3/2003	8975	X	X						
MW-35W	11/16/2004	4328029				X				
MW-35W	11/16/2004	9905	X	X						
MW-35W	2/24/2005	5059018				X				
MW-35W	2/24/2005	7497	X	X						
MW-35W	5/4/2005	5129037				X				
MW-35W	5/4/2005	8225	X	X						
MW-35W	8/11/2005	5227018				X				
MW-35W	8/11/2005	9281	X	X						
MW-35W	8/21/2006	6237025				X				
MW-35W	8/21/2006	4143	X	X						
MW-35W	8/30/2007	7247016				X				
MW-35W	8/30/2007	6891	X	X						
MW-35W	10/2/2007	7278022				X				
MW-35W	10/2/2007	7223	X	X						
MW-35W	11/20/2008	DUK059-MW-35W:G112008	X	X		X	X			
MW-35W	3/7/2012	DUK059-MW-35W:G030712	X	X	X	X				
MW-36D	11/17/2008	DUK059-MW-36D:G111708	X	X		X	X			
MW-36D	3/1/2012	DUK059-MW-36D:G030112	X	X	X	X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-36W	11/17/2003	3330136				X				
MW-36W	11/17/2003	8929A	X	X						
MW-36W	11/10/2004	4321020				X				
MW-36W	11/10/2004	9883	X	X						
MW-36W	2/22/2005	5055016				X				
MW-36W	2/22/2005	7477	X	X						
MW-36W	2/22/2005	7497	X	X						
MW-36W	5/5/2005	5129037				X				
MW-36W	5/5/2005	8249	X	X						
MW-36W	8/31/2005	5249015				X				
MW-36W	8/31/2005	9423	X	X						
MW-36W	8/28/2007	7247016				X				
MW-36W	8/28/2007	6875	X	X						
MW-36W	10/3/2007	7278022				X				
MW-36W	10/3/2007	7259	X	X						
MW-36W	11/17/2008	DUK059:MW-36W:G111708	X	X		X	X			
MW-36W	3/1/2012	DUK059:MW-36W:G030112	X	X	X	X				
MW-37B	3/1/2005	5063019				X				
MW-37B	3/1/2005	7545	X	X						
MW-37B	4/26/2005	5119025				X				
MW-37B	4/26/2005	8159	X	X						
MW-37B	4/29/2005	2207		X						
MW-37B	8/26/2005	5241012				X				
MW-37B	8/26/2005	9349	X	X						
MW-37B	8/16/2006	6234019				X				
MW-37B	8/16/2006	4123	X	X						
MW-37B	8/28/2007	7247016				X				
MW-37B	8/28/2007	6973	X	X						
MW-37B	10/4/2007	7281021				X				
MW-37B	10/4/2007	7291	X	X						
MW-37W	11/17/2003	3330136				X				
MW-37W	11/17/2003	8929A	X	X						
MW-37W	11/10/2004	4321020				X				
MW-37W	11/10/2004	9883	X	X						
MW-37W	2/22/2005	5055016				X				
MW-37W	2/22/2005	7461	X	X						
MW-37W	4/26/2005	5119025				X				
MW-37W	4/26/2005	8129	X	X						
MW-37W	9/1/2005	5249015				X				
MW-37W	9/1/2005	9423	X	X						
MW-37W	8/16/2006	6234019				X				
MW-37W	8/16/2006	4123	X	X						
MW-39S	10/2/2003	3287091				X				
MW-39S	10/2/2003	8799		X			X			
MW-39S	10/3/2003	2713	X							
MW-39S	2/23/2005	5059019				X				
MW-39S	2/23/2005	7477	X	X						
MW-39S	4/22/2005	5115012				X				
MW-39S	4/22/2005	8079	X	X						
MW-39S	8/12/2005	5227017				X				
MW-39S	8/12/2005	9281	X	X						
MW-39S	11/13/2008	DUK059:MW-39S:G111308	X	X		X	X			
MW-43B	5/9/2005	5132018				X				
MW-43B	5/9/2005	8283	X	X						
MW-43B	9/6/2005	5252016				X				
MW-43B	9/6/2005	9441	X	X						
MW-43B	11/17/2005	5325022				X				
MW-43B	11/17/2005	2995	X	X						
MW-43B	2/14/2006	6051032				X				
MW-43B	2/14/2006	3223	X	X						
MW-43B	8/23/2006	6241015				X				
MW-43B	8/23/2006	4147	X	X						
MW-43B	9/4/2007	7250026				X				
MW-43B	9/4/2007	6973	X	X						
MW-43B	10/4/2007	7281021				X				
MW-43B	10/4/2007	5343	X	X						
MW-43B	11/18/2008	DUK059:MW-43B:G111808	X	X		X	X			
MW-43B	3/2/2012	DUK059:MW-43B:G030212	X	X	X	X				
MW-43D	11/21/2008	DUK059:MW-43D:G112108	X	X		X	X			
MW-43D	3/2/2012	DUK059:MW-43D:G030212	X	X	X	X				
MW-43S	2/22/2005	5055016				X				
MW-43S	2/22/2005	7461	X	X						
MW-43S	5/9/2005	5132018				X				
MW-43S	5/9/2005	8283	X	X						
MW-43S	9/2/2005	5249015				X				
MW-43S	9/2/2005	9441	X	X						

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOCTICs	Unknown
MW-43S	11/2/2005	5312020				X				
MW-43S	11/2/2005	2943	X	X						
MW-43S	8/29/2006	6248243				X				
MW-43S	8/29/2006	4177	X	X						
MW-43S	9/4/2007	7250026				X				
MW-43S	9/4/2007	6917	X	X						
MW-43S	10/4/2007	7281021				X				
MW-43S	10/4/2007	7291	X	X						
MW-43S	11/18/2008	DUK059:MW-43S:G111808	X	X		X	X			
MW-43S	3/2/2012	DUK059:MW-43S:G030212	X	X	X	X	X			
MW-43W	2/22/2005	5055016								
MW-43W	2/22/2005	7461	X	X						
MW-43W	5/9/2005	5132018				X				
MW-43W	5/9/2005	8283	X	X						
MW-43W	9/6/2005	5252016				X				
MW-43W	9/6/2005	9441	X	X						
MW-43W	11/2/2005	5314023				X				
MW-43W	11/2/2005	2943	X	X						
MW-43W	8/23/2006	6237025				X				
MW-43W	8/23/2006	4147	X	X						
MW-43W	9/4/2007	7249016				X				
MW-43W	9/4/2007	6917	X	X						
MW-43W	10/4/2007	7281021				X				
MW-43W	10/4/2007	7291	X	X						
MW-43W	11/21/2008	DUK059:MW-43W:G112108	X	X		X	X			
MW-43W	3/2/2012	DUK059:MW-43W:G030212	X	X	X	X	X			
MW-46D	11/21/2008	DUK059:MW-46D:G112108	X	X		X	X			
MW-46D	3/7/2012	DUK059:MW-46D:G030712	X	X	X	X	X			
MW-46W	11/11/2004	4322016								
MW-46W	11/11/2004	9889	X	X						
MW-46W	2/24/2005	5059018				X				
MW-46W	2/24/2005	7497	X	X						
MW-46W	5/4/2005	5129037				X				
MW-46W	5/4/2005	8225	X	X						
MW-46W	8/11/2005	5227018				X				
MW-46W	8/11/2005	9281	X	X						
MW-46W	8/21/2006	6237025				X				
MW-46W	8/21/2006	4143	X	X						
MW-46W	8/30/2007	7247016				X				
MW-46W	8/30/2007	6891	X	X						
MW-46W	10/2/2007	7278022				X				
MW-46W	10/2/2007	7223	X	X						
MW-46W	11/21/2008	DUK059:MW-46W:G112108	X	X	X	X	X			
MW-46W	3/7/2012	DUK059:MW-46W:G030712	X	X	X	X	X			
MW-47B	5/4/2005	5129037				X				
MW-47B	5/4/2005	8225	X	X						
MW-47B	9/9/2005	5257024				X				
MW-47B	9/9/2005	9479	X	X						
MW-47B	11/14/2005	5321024				X				
MW-47B	11/14/2005	2995	X	X						
MW-47B	2/8/2006	6044027				X				
MW-47B	2/8/2006	3211	X	X						
MW-47B	8/22/2006	6237025				X				
MW-47B	8/22/2006	4143	X	X						
MW-47B	9/4/2007	7250026				X				
MW-47B	9/4/2007	5243	X	X						
MW-47B	10/2/2007	7278022				X				
MW-47B	10/2/2007	7291	X	X						
MW-47B	11/1/2007	7579	X	X						
MW-47B	11/19/2008	DUK059:MW-47B:G111908	X	X		X	X			
MW-47B	3/5/2012	DUK059:MW-47B:G030512	X	X	X	X	X			
MW-47D	11/19/2008	DUK059:MW-47D:G111908	X	X		X	X			
MW-47D	3/5/2012	DUK059:MW-47D:G030512	X	X	X	X	X			
MW-47S	2/24/2005	5059018				X				
MW-47S	2/24/2005	7497	X	X						
MW-47S	5/4/2005	5129037				X				
MW-47S	5/4/2005	8225	X	X						
MW-47S	8/11/2005	5227018				X				
MW-47S	8/11/2005	9263	X	X						
MW-47S	11/14/2005	5321024				X				
MW-47S	11/14/2005	2989	X	X						
MW-47S	8/22/2006	6237025				X				
MW-47S	8/22/2006	4143	X	X						
MW-47S	8/31/2007	7247014				X				
MW-47S	8/31/2007	6891	X	X						
MW-47S	10/2/2007	7278022				X				

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APPENDIX B

LIST OF HISTORICAL GROUNDWATER SAMPLES COLLECTED AT THE LINDEN DEVELOPMENT LLC SITE

StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOCTICs	Unknown
MW-47S	10/2/2007	7223	X	X						
MW-47S	11/1/2007	7579	X	X						
MW-47S	11/19/2008	DUK059:MW-47S:G111808	X	X		X	X			
MW-47S	3/5/2012	DUK059:MW-47S:G030512	X	X	X	X				
MW-47W	11/12/2004	4322016					X			
MW-47W	11/12/2004	9889	X	X						
MW-47W	2/24/2005	5059018					X			
MW-47W	2/24/2005	7497	X	X						
MW-47W	5/4/2005	5129037					X			
MW-47W	5/4/2005	8225		X	X					
MW-47W	8/11/2005	5227018					X			
MW-47W	8/11/2005	9263	X	X						
MW-47W	8/22/2006	6237025					X			
MW-47W	8/22/2006	4143	X	X						
MW-47W	9/4/2007	7250026					X			
MW-47W	9/4/2007	6973	X	X						
MW-47W	10/2/2007	7278022					X			
MW-47W	10/2/2007	7291	X	X						
MW-47W	11/1/2007	7579	X	X						
MW-47W	11/20/2008	DUK059:MW-47W:G112008	X	X		X	X			
MW-47W	3/5/2012	DUK059:MW-47W:G030512	X	X	X	X				
MW-49S	3/1/2005	5063019					X			
MW-49S	3/1/2005	7539	X	X						
MW-49S	3/1/2005	7575	X	X						
MW-49S	5/5/2005	5129037					X			
MW-49S	5/5/2005	8249	X	X						
MW-49S	6/30/2005	8861	X							
MW-49S	8/31/2005	5249015					X			
MW-49S	8/31/2005	9423	X	X						
MW-49S	8/16/2006	6234019					X			
MW-49S	8/16/2006	4123	X	X						
MW-49S	8/28/2007	7247016					X			
MW-49S	8/28/2007	6973	X	X						
MW-49S	10/3/2007	7278022					X			
MW-49S	10/3/2007	7291	X	X						
MW-49S	11/18/2008	DUK059:MW-49S:G111808	X	X		X	X			
MW-49S	11/18/2008	DUK059:MW-49S:G111808A	X	X		X	X			
MW-49S	3/1/2012	DUK059:MW-49S:G030112	X	X	X	X				
MW-49D	11/18/2008	DUK059:MW-49D:G111808	X	X		X	X			
MW-49D	3/1/2012	DUK059:MW-49D:G030112	X	X	X	X				
MW-49S	2/21/2005	5055016					X			
MW-49S	2/21/2005	7461	X	X						
MW-49S	5/5/2005	5129037					X			
MW-49S	5/5/2005	8225	X	X						
MW-49S	8/30/2005	5245032					X			
MW-49S	8/30/2005	9423	X	X						
MW-49S	11/1/2005	5308018					X			
MW-49S	11/1/2005	5312015					X			
MW-49S	11/1/2005	2935	X	X						
MW-49S	8/8/2006	6234016					X			
MW-49S	8/8/2006	4097	X	X						
MW-49S	8/28/2007	7247016					X			
MW-49S	8/28/2007	6975	X	X						
MW-49S	10/3/2007	7278022					X			
MW-49S	10/3/2007	7291	X	X						
MW-49S	11/18/2008	DUK059:MW-49S:G111808	X	X		X	X			
MW-49S	3/1/2012	DUK059:MW-49S:G030112	X	X	X	X				
MW-49W	2/21/2005	5055016					X			
MW-49W	2/21/2005	7461	X	X						
MW-49W	5/5/2005	5129037					X			
MW-49W	5/5/2005	8249	X	X						
MW-49W	8/31/2005	5249015					X			
MW-49W	8/31/2005	9423	X	X						
MW-49W	11/1/2005	5308018					X			
MW-49W	11/1/2005	2935	X	X						
MW-49W	8/8/2006	6226015					X			
MW-49W	8/8/2006	4097	X	X						
MW-49W	8/28/2007	7247016					X			
MW-49W	8/28/2007	6961	X	X						
MW-49W	10/3/2007	7278022					X			
MW-49W	10/3/2007	7291	X	X						
MW-49W	11/18/2008	DUK059:MW-49W:G111808	X	X		X	X			
MW-49W	3/1/2012	DUK059:MW-49W:G030112	X	X	X	X				
MW-50B	3/15/2005	5076014					X			
MW-50B	3/15/2005	7727	X	X						
MW-50B	5/9/2005	5132018					X			

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-50B	5/9/2005	8283	X	X						
MW-50B	8/26/2005	5241012				X				
MW-50B	8/26/2005	9349	X	X						
MW-50B	10/31/2005	5311024				X				
MW-50B	10/31/2005	2931	X	X						
MW-50B	8/18/2006	6236023				X				
MW-50B	8/18/2006	4131	X	X						
MW-50S	3/16/2005	5077011				X				
MW-50S	3/16/2005	7727	X	X						
MW-50S	4/21/2005	5115012				X				
MW-50S	4/21/2005	8059	X	X						
MW-50S	8/18/2005	5236022				X				
MW-50S	8/18/2005	9335	X	X						
MW-50S	10/31/2005	5311024				X				
MW-50S	10/31/2005	2931	X	X						
MW-50W	3/15/2005	5076014				X				
MW-50W	3/15/2005	7727	X	X						
MW-50W	4/21/2005	5115012				X				
MW-50W	4/21/2005	8059	X	X						
MW-50W	8/18/2005	9363	X	X						
MW-51S	1/13/2005	7151	X	X						
MW-51S	1/13/2005	5019018				X				
MW-51S	2/16/2005	7387	X	X						
MW-51S	2/16/2005	5052039				X				
MW-51S	4/20/2005	8059	X	X						
MW-51S	4/20/2005	5115011				X				
MW-51S	6/20/2005	z								X
MW-51S	8/18/2005	9335	X	X						
MW-51S	8/18/2005	5236022				X				
MW-51S	11/14/2005	2989	X	X						
MW-51S	11/14/2005	5321024				X				
MW-52S	1/13/2005	0851-011305-1020	X	X						
MW-52S	1/13/2005	5019018				X				
MW-52S	2/15/2005	0002-021505-1246	X	X		X				
MW-52S	4/16/2005	0002-041805-1121	X	X		X				
MW-52S	7/11/2005	z								X
MW-52S	8/22/2005	0002-082205-1416	X	X		X				
MW-52S	11/9/2005	0002-110305-1105	X	X		X				
MW-53S	1/13/2005	0851-011305-0945	X	X		X				
MW-53S	2/15/2005	0002-021505-1226	X	X		X				
MW-53S	4/16/2005	0002-041805-1316	X	X		X				
MW-53S	8/15/2005	0002-081505-1335	X	X		X				
MW-53S	11/3/2005	0002-110305-1131	X	X		X				
MW-53S	11/17/2006	z								X
MW-66D	11/20/2008	DUK059-MW-66D:G112008	X	X		X				
MW-66D	3/2/2012	DUK059-MW-66D:G030212	X	X	X	X				
MW-66W	11/20/2008	DUK059-MW-66W:G112008	X	X		X				
MW-66W	3/2/2012	DUK059-MW-66W:G030212	X	X	X	X				
MW-66B	11/20/2008	DUK059-MW-66B:G112008	X	X		X				
MW-66B	11/20/2008	DUK059-MW-66B:G112008A	X	X		X				
MW-66B	3/2/2012	DUK059-MW-66B:G030212	X	X	X	X				
MW-66B	3/2/2012	DUK059-MW-66B:G030212A	X	X	X	X				
MW-70S	11/8/2005	0002-110805-1440	X	X		X				
MW-70S	8/23/2005	0002-082305-0005	X	X		X				
MW-70S	8/23/2005	0002-082305-1331	X	X		X				
MW-70S	2/6/2006	0002-020606-1351	X	X		X				
MW-70S	5/4/2006	0002-050406-1011	X	X		X				
MW-70S	8/22/2006	0002-082206-1446	X	X		X				
MW-70S	9/14/2006	z								X
MW-70S	12/15/2006	z								X
MW-72S	11/8/2005	0002-110805-1230	X	X		X				
MW-72S	11/16/2005	0710-111605-1015	X	X		X				
MW-72S	11/16/2005	0710-111605-1015				X				
MW-72S	5/5/2006	0002-050506-1111	X	X		X				
MW-72S	8/11/2006	0002-081106-1111	X	X		X				
MW-72S	10/16/2006	0002-101606-1231	X	X		X				
MW-86S	11/4/2005	0002-110405-0931	X	X		X				
MW-86S	2/8/2006	0002-020806-1121	X	X		X				
MW-86S	5/1/2006	0002-050106-1506	X			X				
MW-86S	8/14/2006	0002-081406-1321	X	X		X				
MW-87S	11/3/2005	0002-110305-1256	X	X		X				
MW-87S	5/1/2006	0002-050106-1351	X	X		X				
MW-87S	2/8/2006	0002-020806-1036	X	X		X				
MW-87S	8/14/2006	0002-081406-1201	X	X		X				
MW-90S	11/20/2008	DUK059-MW-90S:G112008	X	X		X				
MW-90S	3/6/2012	DUK059-MW-90S:G030612	X	X	X	X				

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-90D	11/20/2008	DUK059-MW-90D-G112008	X	X	X					
MW-90D	3/6/2012	DUK059-MW-90D-G030612	X	X	X	X				
MW-90W	11/20/2008	DUK059-MW-90W-G112008	X	X		X				
MW-90W	3/6/2012	DUK059-MW-90W-G030612	X	X	X	X				
MW-90W	3/6/2012	DUK059-MW-90W-G030612A	X	X	X	X				
MW-90B	10/1/2007	00011001071016	X	X		X				
MW-90B	11/1/2007	00021101071231	X	X						
MW-90B	11/18/2008	DUK059-MW-90B-G111808	X	X		X				
MW-90B	3/7/2012	DUK059-MW-90B-G030712	X	X	X	X				
MW-91S	11/19/2008	DUK059-MW-91S-G111908	X	X		X				
MW-91S	3/5/2012	DUK059-MW-91S-G030512	X	X	X	X				
MW-91D	11/19/2008	DUK059-MW-91D-G111908	X	X		X				
MW-91D	3/5/2012	DUK059-MW-91D-G030512	X	X	X	X				
MW-91W	11/19/2008	DUK059-MW-91W-G111908	X	X		X				
MW-91W	3/5/2012	DUK059-MW-91W-G030512	X	X	X	X				
MW-91B	10/1/2007	00011001071315	X	X		X				
MW-91B	11/1/2007	00021101071012	X	X						
MW-91B	11/19/2008	DUK059-MW-91B-G111908	X	X		X				
MW-91B	3/5/2012	DUK059-MW-91B-G030512	X	X	X	X				
MW-92S	3/26/2008	0001-032608-0940-MET					X			
MW-92S	3/26/2008	0001-032608-0940-SVOC	X	X						
MW-92S	11/14/2008	DUK059-MW-92S-G111408		X				X		
MW-92S	11/21/2008	DUK059-MW-92S-G112108	X							
MW-92S	2/28/2012	DUK059-MW-92S-G022812	X	X	X	X				
MW-92D	11/14/2008	DUK059-MW-92D-G111408		X				X		
MW-92D	11/21/2008	DUK059-MW-92D-G112108	X							
MW-92D	2/28/2012	DUK059-MW-92D-G022812	X	X	X	X				
MW-92W	11/17/2008	DUK059-MW-92W-G111708	X	X		X				
MW-92W	2/28/2012	DUK059-MW-92W-G022812	X	X	X	X				
MW-93S	3/26/2008	0001-032608-1105-MET					X			
MW-93S	3/26/2008	0001-032608-1105-SVOC	X	X						
MW-93S	11/13/2008	DUK059-MW-93S-G111308	X	X		X				
MW-93S	2/29/2012	DUK059-MW-93S-G022912	X	X	X	X				
MW-93D	11/13/2008	DUK059-MW-93D-G111308	X	X		X				
MW-93D	2/29/2012	DUK059-MW-93D-G022912	X	X	X	X				
MW-93W	11/14/2008	DUK059-MW-93W-G111408		X		X				
MW-93W	11/14/2008	DUK059-MW-93W-G111408A	X							
MW-93W	11/21/2008	DUK059-MW-93W-G112108		X						
MW-93W	2/29/2012	DUK059-MW-93W-G022912	X	X	X	X				
MW-94W	3/26/2008	0001-032608-1206-MET					X			
MW-94W	3/26/2008	0001-032608-1206-SVOC	X	X						
MW-94W	11/14/2008	DUK059-MW-94W-G111408		X		X				
MW-94W	11/21/2008	DUK059-MW-94W-G112108	X							
MW-94W	2/28/2012	DUK059-MW-94W-G022812	X	X	X	X				
MW-94WS	11/13/2008	DUK059-MW-94WS-G111308	X	X		X				
MW-94WS	3/1/2012	DUK059-MW-94WS-G030112	X	X	X	X				
MW-94B2	3/26/2008	0001-032608-0005-MET					X			
MW-94B2	3/26/2008	0001-032608-0005-SVOC	X	X						
MW-94B2	3/26/2008	0001-032608-0851-MET					X			
MW-94B2	3/26/2008	0001-032608-0951-SVOC	X	X						
MW-94B2	11/17/2008	DUK059-MW-94B2-G111708	X	X		X				
MW-94B2	2/28/2012	DUK059-MW-94B2-G022812	X	X	X	X				
MW-95D	11/21/2008	DUK059-MW-95D-G112108	X							
MW-95D	11/14/2008	DUK059-MW-95D-G111408	X			X				
MW-95D	2/29/2012	DUK059-MW-95D-G022912	X	X	X	X				
MW-95W	11/13/2008	DUK059-MW-95W-G111308	X	X		X				
MW-95W	2/29/2012	DUK059-MW-95W-G022912	X	X	X	X				
MW-95W	2/29/2012	DUK059-MW-95W-G022912A	X	X	X	X				
MW-96S	11/13/2008	DUK059-MW-96S-G111308	X	X		X				
MW-96S	2/29/2012	DUK059-MW-96S-G022912	X	X	X	X				
MW-96D	11/14/2008	DUK059-MW-96D-G111408		X		X				
MW-96D	11/21/2008	DUK059-MW-96D-G112108	X							
MW-96D	2/29/2012	DUK059-MW-96D-G022912	X	X	X	X				
MW-96W	11/14/2008	DUK059-MW-96W-G111408		X		X				
MW-96W	11/21/2008	DUK059-MW-96W-G112108	X							
MW-96W	2/29/2012	DUK059-MW-96W-G022912	X	X	X	X				
MW-97B	3/6/2012	DUK059-MW-97B-G030612	X	X	X	X				
MW-97-B-A	4/16/2012	MW-97-B-A								
MW-97-B-B	4/16/2012	MW-97-B-B								
MW-97-B-C	4/16/2012	MW-97-B-C	X							

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StationName	SampleDate	FieldSampleID	VOCs	SVOCs	PAHs	Metals	PCBs	VOC TICs	SVOC TICs	Unknown
MW-97D	3/6/2012	DUK059:MW-97D:G030612	X	X	X	X				
MW-97W	3/6/2012	DUK059:MW-97W:G030612	X	X	X	X				
MW-97W	4/13/2012	MW-97-W	X							

Notes:

- a. Method listed in GM's database as SOC
- b. Method listed in GM's database as SOC & Base
- c. Method listed in GM's database as SOC & SVOC
- d. Method listed in GM's database as Base